



engineering and constructing a better tomorrow

March 3, 2011

Mr. William Maley, Jr.
President
Trans-Lite, Inc.
120 Wampus Lane
Milford, Connecticut 06460

Subject: **Groundwater Sampling Event**
Trans-Lite, Inc.
120 Wampus Lane, Milford, Connecticut 06460
MACTEC Project 3610110095

Dear Mr. Maley:

MACTEC Engineering and Consulting, Inc. (MACTEC) has prepared this letter report to summarize a groundwater sampling event conducted at the Trans-Lite, Inc. (Trans-Lite) property located at 120 Wampus Lane in Milford, Connecticut (the Site).

1.0 INTRODUCTION

MACTEC was retained by Trans-Lite to sample existing groundwater monitoring wells at the Site to assess groundwater quality at the Site and compare these results with prior sampling data collected by MACTEC and others. This report documents MACTEC's activities and includes background information, field methods and results.

2.0 SITE BACKGROUND

The Site consists of a 50,089 square foot single story building located on a 2.07 acre parcel in Milford, Connecticut. The building was reportedly constructed in 1950 and is currently occupied by Trans-Lite which utilizes the Site for the design and manufacture of interior and exterior lighting for the railway industry. The Site has been occupied by Trans-Lite since 1959. A Site location map is included as Figure 1 and the layout of the Site is provided on Figure 2.

Environmental investigations were completed at the Site in the late 1990s and early 2000s. These investigations determined that the geology of the Site consists of three main geologic units (Upper Sand Unit, Middle Aquitard Unit and Lower Sand and Gravel Unit). Wells installed in the Upper Sand Unit were designed to intersect the top of the water table and were designated as shallow wells (S). Wells installed within the lower part of the Upper Sand Unit and on top of the Middle Aquitard Unit were designed as intermediate wells (I). Wells installed within the Middle Aquitard were designed as deep wells (D). Well details are included on Table 1.

Prior investigations by others identified an area of soil containing elevated concentrations of chlorinated volatile organic compounds (CVOCs) in the vicinity of a former drain pit within the parts washing room of the facility. A vapor degreaser was also formerly located within the parts

washing room. The report also indicated the potential presence of dense non-aqueous phase liquid (DNAPL) based on the concentrations of CVOCs detected. Sampling of the well network in September 2001 detected CVOCs in all thirteen of the wells, with the highest concentrations noted in MW-02I, which is located adjacent to the parts washing room.

In 2002, a remedial excavation program was completed by Harding ESE (now part of MACTEC) in the parts washing room. Approximately 14 tons of CVOC-impacted soil was removed from below the flooring and disposed of off-site as a hazardous waste.

Sampling of the well network was again completed in April 2006 with CVOCs detected in 10 of the 13 wells but the concentrations were reduced in most wells in comparison to the September 2001 results. DNAPL; however, was detected in MW-02I with approximately 2 ounces removed prior to sampling.

The Site is located in a "GB" groundwater area as classified by the Connecticut Department of Environmental Protection (CTDEP). A "GB" classification is defined as an area where public water supply is available and groundwater is not used for human consumption.

3.0 FIELD ACTIVITIES

MACTEC conducted groundwater sampling activities at the Site on January 17, 19 and 20, 2011, with samples collected from the wells listed below.

MW-01I	MW-05S	MW-06S	MW-07S
MW-02I	MW-05I	MW-06I	MW-07I
MW-03D	MW-05D	MW-06D	MW-07D
MW-04I			

Depth-to-groundwater measurements were completed at 12 of the 13 wells. A measurement was not collected from MW-6D since the top of the well casing and roadway bow were partially full of ice and debris. The measurements were used to prepare groundwater contours depicting potential groundwater flow patterns with the shallow, intermediate and deep zoned wells. Groundwater contour maps were prepared and are included as Figures 3, 4 and 5. Groundwater in the shallow zone appears to flow towards the southwest with a nearly flat gradient; towards both the west and north in the intermediate zone; and towards both the northwest and southwest in the deep zone. Groundwater flow in all three zones has historically been calculated to flow to the north and/or northeast towards Stubby Plains Brook. Groundwater on neighboring properties has also historically been calculated to flow towards Stubby Plains Brook.

Measurements also were completed to determine if DNAPL was present in well MW-02I. DNAPL was previously detected in this well in April 2006; however, it was not detected during this event.

The wells were sampled using low-flow sampling protocols. A peristaltic pump was used to extract groundwater from the wells at a rate between 100 to 300 milliliters per minute. Measurements were conducted on the extracted groundwater to determine when groundwater parameters stabilized and representative samples could be collected. Once the wells stabilized, groundwater samples were then collected. Field data records were prepared documenting the well purging and sampling for each well, along with calibration records for equipment used in the sampling process.

4.0 LABORATORY RESULTS

The groundwater samples were submitted to Connecticut Testing Laboratories of Meriden, Connecticut for analysis. The groundwater samples were analyzed for VOCs by EPA method 8260. The laboratory report is attached. The results were then compared to the Remediation Standard Regulations (RSR) (Sections 22a-133k-1 through 22a-133k-3 of the Regulations of Connecticut State Agencies) criteria applicable to the Site. A summary of the groundwater sample results is included in Table 2. A summary of the groundwater sample results from the prior sampling events conducted in September 2001 and April 2006 are also included in the table.

Groundwater samples were compared to the Surface Water Protection Criteria (SWPC), 2003 proposed Residential Volatilization Criteria (Res Vol) and 2003 proposed Industrial/Commercial Volatilization Criteria (I/C Vol). The groundwater sample concentrations were compared to both the Res Vol and I/C Vol since there is no environmental land use restriction (ELUR) in place to restrict property use to industrial and commercial.

Graphs were prepared to present concentration trends for the CVOCs of carbon tetrachloride, 1,1-dichloroethene (1,1-DCE), tetrachloroethene (PCE), 1,1,1-trichloroethane (1,1,1-TCA) and trichloroethene (TCE) and were grouped by groundwater zone. Graphs 1 through 15 are attached to this letter.

4.1 Shallow Zone Groundwater Wells

Groundwater samples were collected from shallow zone wells MW-05S, MW-06S and MW-07S. Several CVOCs were detected in the groundwater samples from MW-06S and MW-07S as shown on Table 2. 1,1-DCE and PCE were detected in MW-07S at concentrations above the SWPC and PCE and vinyl chloride were detected at concentrations above the Res Vol. CVOCs were not detected above criteria in MW-06S and CVOCs were not detected in MW-05S during the January 2011 sampling event.

A comparison of these results to prior sampling is shown on Graphs 1 through 5. The concentration of 1,1-DCE in MW-07S has decreased since the April 2006 event; however, the concentration of PCE has increased. The concentrations detected during January 2011 for these two compounds are actually similar to the concentrations detected in September 2001. Overall 1,1,1-TCA has decreased in MW-07S since September 2001.

Concentrations of CVOCs have shown a decreasing trend in MW-06S. In addition, CVOC concentrations were detected in MW-05S at low levels during the September 2001 sampling event but have not been detected during the two subsequent sampling events.

4.2 Intermediate Zone Wells

Groundwater samples were collected from intermediate zone wells MW-01I, MW-02I, MW-04I, MW-05I, MW-06I and MW-07I. CVOCs were detected in the groundwater samples from all six wells. 1,1-DCE and PCE were detected above the SWPC, Res Vol and I/C Vol in MW-02I with several other CVOCs also detected above select criteria. 1,1-DCE was detected above the SWPC in MW-01I, and carbon tetrachloride and TCE were detected above the Res Vol in MW-05I. Carbon tetrachloride was detected above the Res Vol and I/C Vol in MW-07I, and 1,1-DCE and PCE were detected above both the SWPC and Res Vol. CVOCs were not detected above criteria in MW-04I and MW-06I.

A comparison of these results to prior sampling is shown on Graphs 6 through 10. CVOC concentrations in MW-02I decreased from September 2001 to April 2006 but increased significantly from April 2006 to January 2011 to concentrations similar to September 2001. Carbon tetrachloride concentrations in MW-07I have decreased since September 2001, but PCE concentrations have increased. Concentrations of CVOCs in MW-05I are fairly consistent while CVOCs in MW-04I and MW-06I have shown decreasing trends.

4.3 Deep Zone Wells

Groundwater samples were collected from deep zone wells MW-03D, MW-05D, MW-06D and MW-07D. CVOCs were detected in the groundwater samples from all four of the deep zone wells as shown on Table 2. The concentration of 1,1-DCE in MW-03D exceeded the SWPC and Res Vol, and the concentration of TCE in MW-05D exceeded the Res Vol. The concentration of carbon tetrachloride in MW-07D exceeded both the Res Vol and I/C Vol and the concentrations of chloroform and TCE exceeded the Res Vol. CVOCs were not detected above criteria in MW-06D.

A comparison of these results to prior sampling is shown on Graphs 10 through 15. The concentrations of 1,1-DCE in MW-03D and MW-07D have increased since the April 2006 event and overall CVOC concentrations show an increasing trend in these wells. TCE in several deep zone wells also shows an increasing trend. The concentration of carbon tetrachloride in MW-07D has decreased since the April 2006 event, but is higher than the concentration detected during the September 2001 event. The concentrations of 1,1,1-TCA and PCE remain relatively low in the deep zone wells in comparison to other CVOC compounds.

5.0 FINDINGS AND CONCLUSIONS

Findings and conclusions were formulated based upon the data obtained during this groundwater sampling event and from prior sampling events conducted in September 2001 and April 2006.

CVOCs were detected in 12 of the 13 on-Site wells sampled in January 2011 with select concentrations above RSR criteria. The highest concentrations were detected in well MW-02I which is located directly adjacent to the former drain pit in the parts washing room. Several CVOCs in this well were detected above the I/C Vol. The detected concentrations were similar to pre-remediation data from September 2001 indicating that a potential source area still exists.

Elevated CVOC concentrations were detected in the MW-07 series wells located downgradient of MW-02I and the former drain pit area with the highest concentrations detected in the intermediate well. Overall, the highest concentrations of CVOCs were detected in the wells installed at the base of the upper sand unit which is above the middle aquitard unit. CVOCs were detected within the Middle Aquitard Unit indicating that some migration into this unit has occurred but the concentrations are significantly reduced in comparison to CVOCs in the sand unit. The presence of 1,1-DCE and other breakdown products, especially in downgradient wells, indicates that CVOC degradation is naturally occurring.

A comparison of the 2011 data to historic sampling presents inconsistent trends with select CVOCs increasing and others decreasing and there is variation from well to well. Correlation of the data is difficult due to the timeframe between sampling events.

It is recommended that additional investigation is completed to determine if an additional source area near the parts cleaning room and former degreaser is present in shallow or intermediate soil which may be contributing to the CVOCs in groundwater. Additional investigation should also be completed to further delineate horizontal and vertical extents of the CVOC plume. This data could be used to develop a remedial program to reduce the elevated CVOCs that have been detected in groundwater.

6.0 CLOSING

If you have any questions regarding the information presented in this letter, please feel free to contact either of the undersigned at (860) 529-7191.

Sincerely,

MACTEC Engineering and Consulting, Inc.



Jonathan R. Yeich, LEP
Project Manager



Daniel B. Wisialowski, P.E.
Project Principal

C: William Stokesbury - Shipman, Sosensky & Marks, LLC

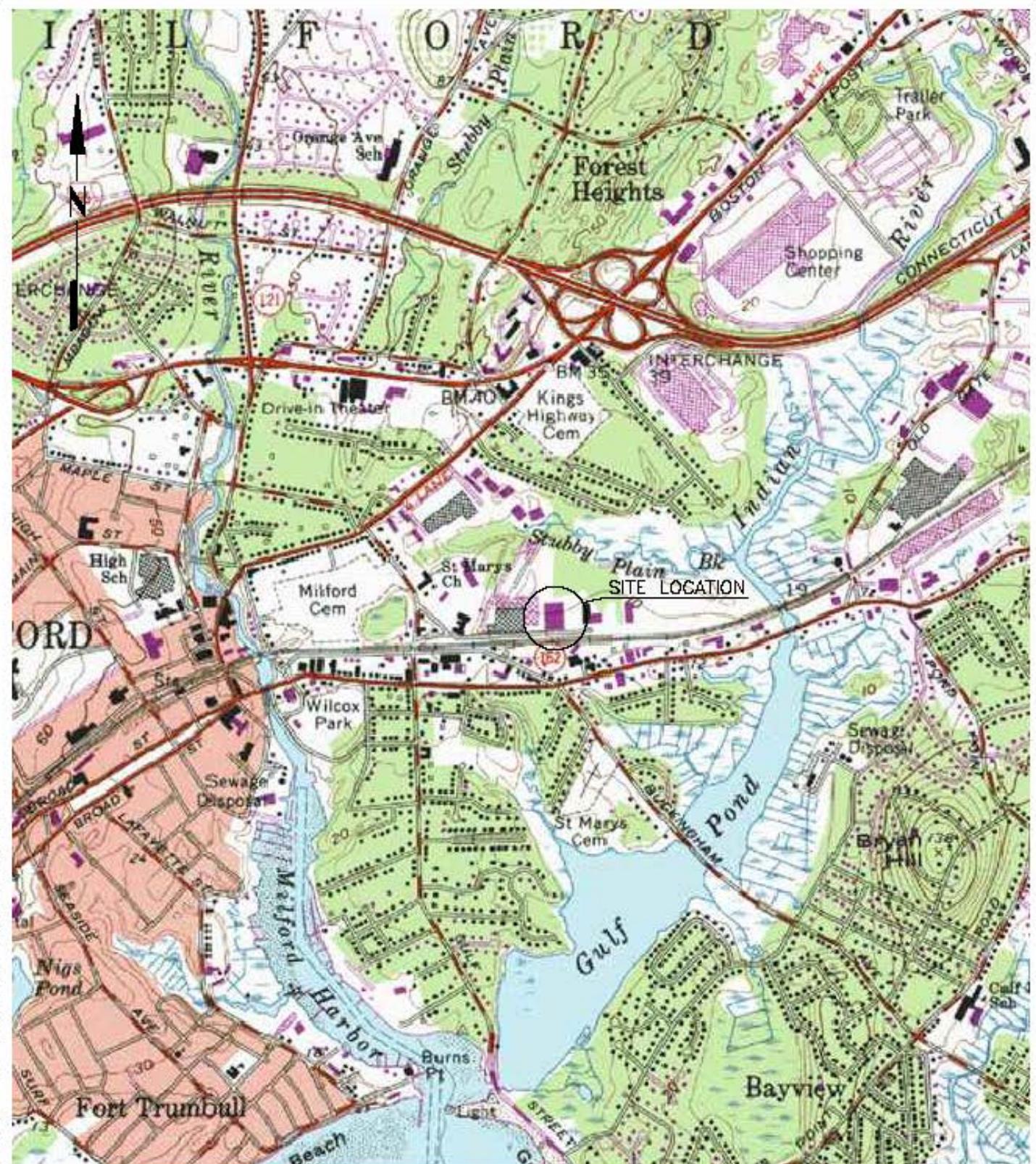
ATTACHMENTS:

- Figures
- Tables
- Graphs
- Laboratory Report

*Mr. William Maley, Jr.
Trans-Lite, Inc., 120 Wampus Lane, Milford, Connecticut 06460
MACTEC Project 3610110095*

March 3, 2011

FIGURES



Base map source: MAPTECH, USGS Topographic Series, Connecticut complete state coverage CD, Edition 2.0 MILFORD quadrangle, photorevised 1984.

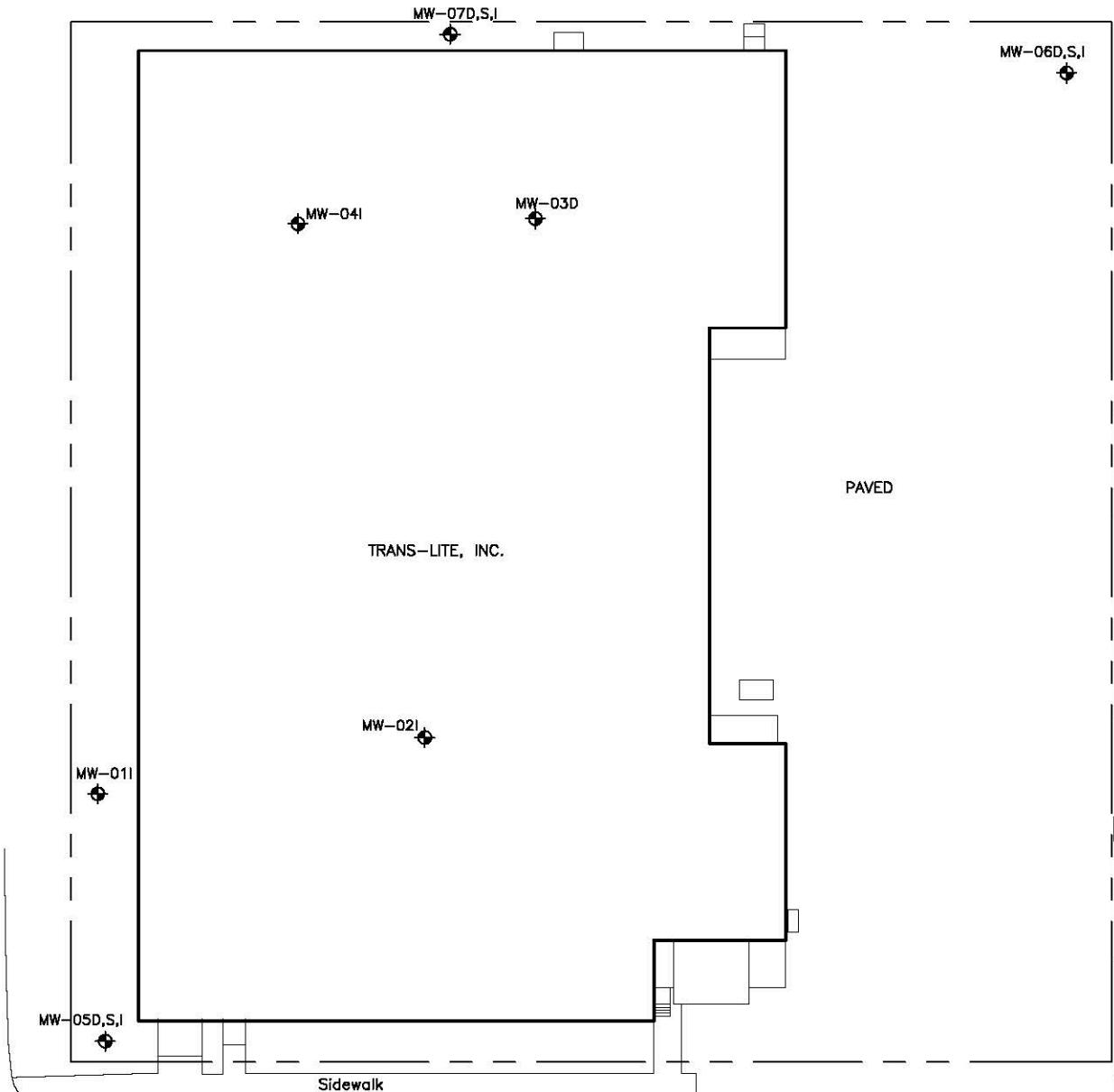
Prepared/Date: JVM 01/28/11
Checked/Date: JRY 01/28/11

Not to scale

Trans-Lite, Inc.
120 Wampus Lane, Milford CT



Site
Location Map
Project 3610-11-0095
Figure 1



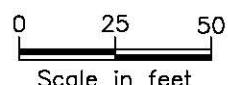
LEGEND



PROPERTY BOUNDARY
GROUNDWATER MONITORING WELL

BASE MAP SOURCE:

Fuss & O'Neill Inc., Consulting Engineers. Figure Titled, "Site Plan Sample Location and Cross Section Line", Dated Feb. 2002.

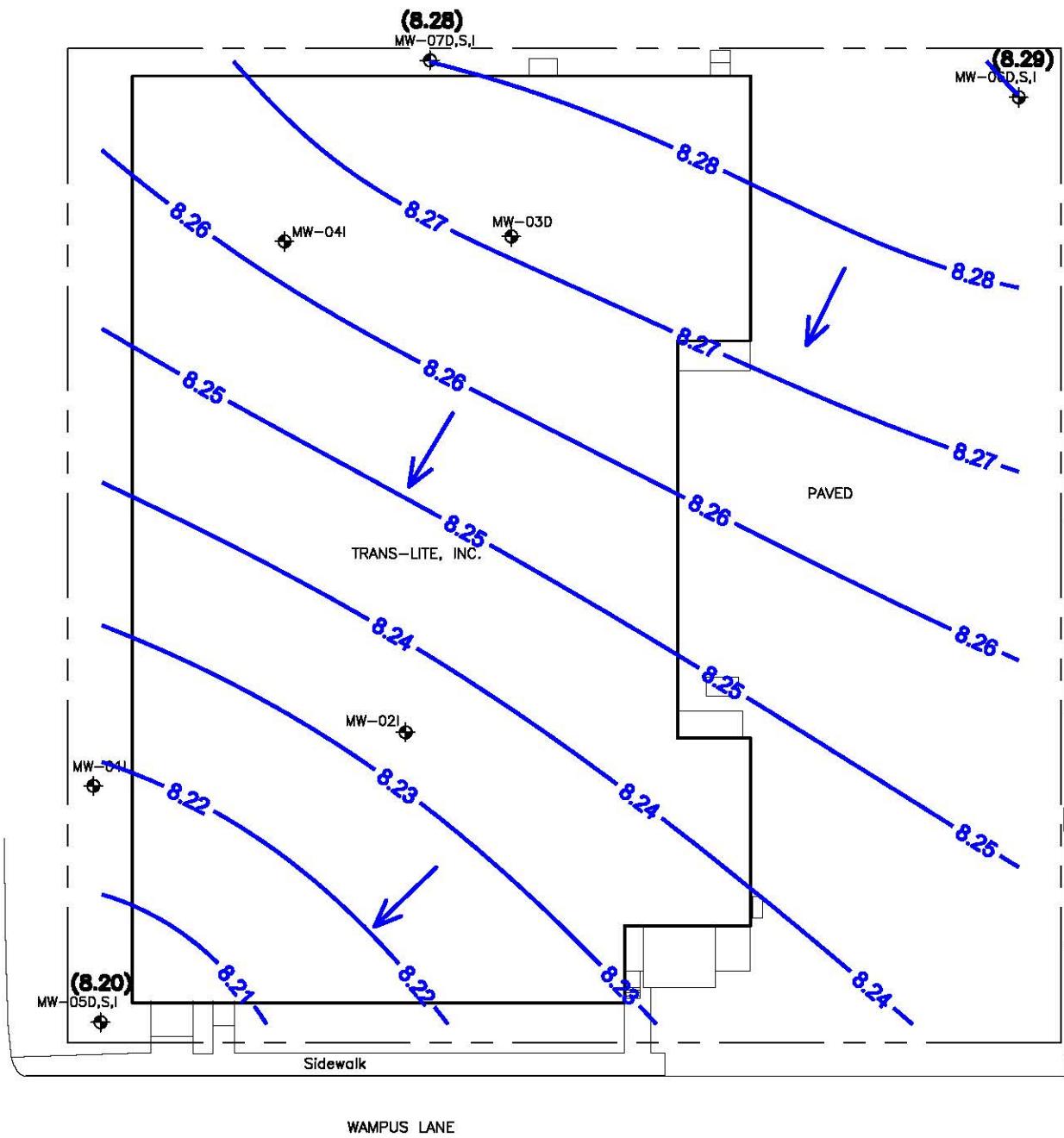


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Trans-Lite, Inc.
120 Wampus Lane, Milford CT



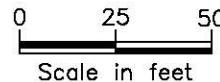
Site
Layout Map
Project 3610-11-0095
Figure 2



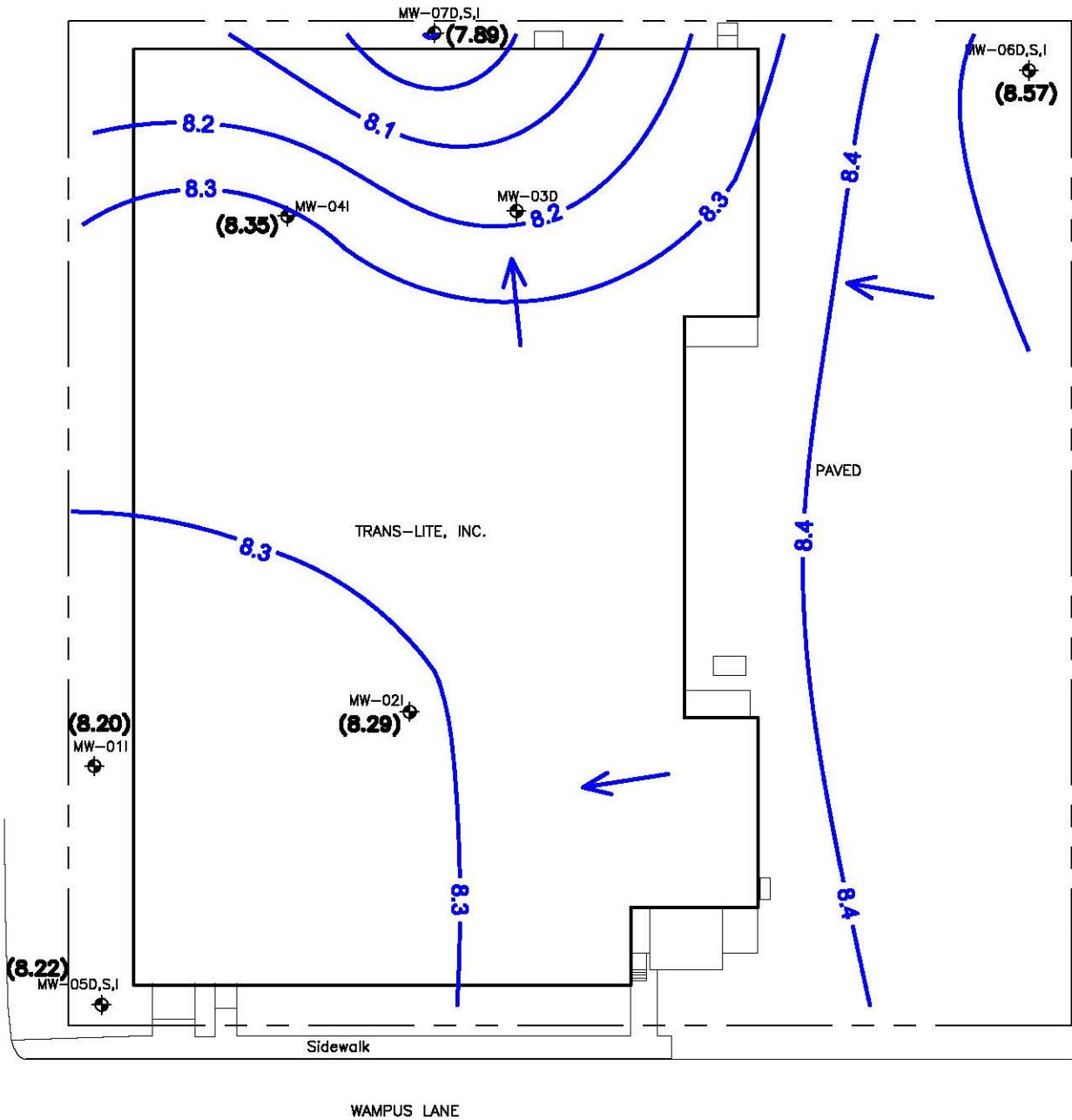
LEGEND

- GROUNDWATER MONITORING WELL
- GROUNDWATER MONITORING WELL
- SHALLOW WELL GROUNDWATER CONTOUR (FEET)
- RELATIVE WATER TABLE ELEVATION (FEET)
- INFERRED GROUNDWATER FLOW

Tue, 15 Feb 2011 - 6:47am
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BASE MAP SOURCE: Fuss & O'Neill Inc., Consulting Engineers.
Figure Titled, "Site Plan Sample Location
and Cross Section Line", Dated Feb. 2002.



Prepared/Date: JVM 01/28/11
Checked/Date: JRY 01/28/11



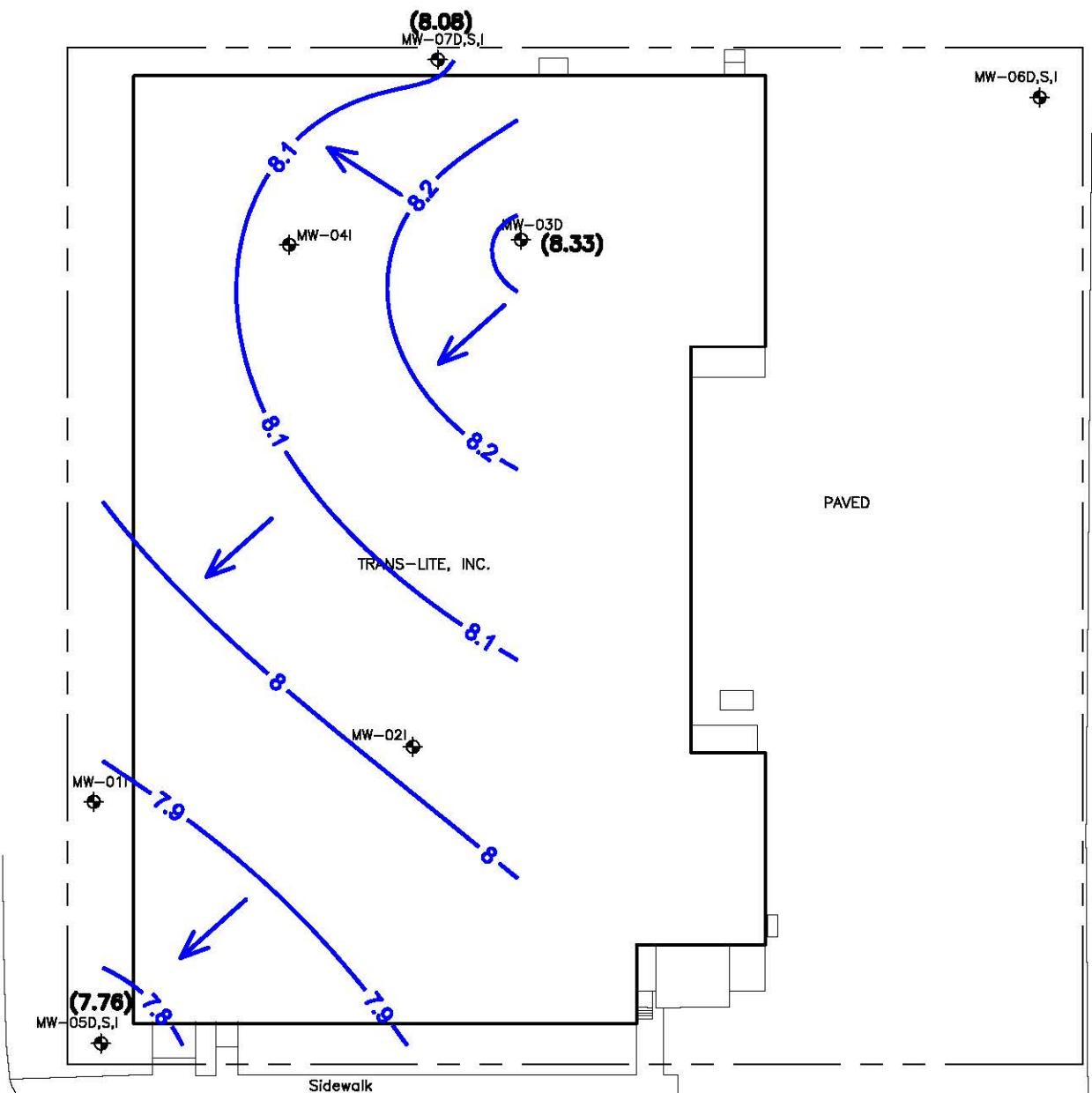
LEGEND

- PROPERTY BOUNDARY
- ♦ GROUNDWATER MONITORING WELL
- INTERMEDIATE WELL GROUNDWATER CONTOUR (FEET)
- RELATIVE WATER TABLE ELEVATION (FEET)
- INFERRED GROUNDWATER FLOW

BASE MAP SOURCE: Fuss & O'Neill Inc., Consulting Engineers.
Figure Titled, "Site Plan Sample Location
and Cross Section Line", Dated Feb. 2002.

0 25 50
Scale in feet

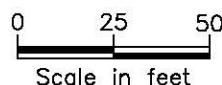
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Checked/Date: JRY 01/28/11



LEGEND

- PROPERTY BOUNDARY
- ♦ GROUNDWATER MONITORING WELL
- DEEP WELL GROUNDWATER CONTOUR (FEET)
- RELATIVE WATER TABLE ELEVATION (FEET)
- INFERRED GROUNDWATER FLOW

BASE MAP SOURCE: Fuss & O'Neill Inc., Consulting Engineers.
Figure Titled, "Site Plan Sample Location
and Cross Section Line", Dated Feb. 2002.



Prepared/Date: JVM 01/28/11
Checked/Date: JRY 01/28/11

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Trans-Lite, Inc., 120 Wampus Lane, Milford, Connecticut 06460
MACTEC Project 3610110095*

March 3, 2011

TABLES

TABLE 1
GROUNDWATER WELL DETAILS
Trans-Lite, Inc, 120 Wampus Lane, Milford, Connecticut

Well ID	Date Installed	Screened Interval (feet below ground surface)	Unit Screened	Designation	Measuring Point Elevation (feet)	Depth-to-Groundwater on 01/17/2011 (feet below measuring point)	Relative Groundwater Elevation (feet)
MW-01I	10/29/98	7 - 17	Upper Sand - Upper 7 ft Middle Aquitard - Lower 3 ft	Intermediate	13.95	5.75	8.20
MW-02I	05/11/99	23 - 28	Base of Upper Sand	Intermediate	12.99	4.70	8.29
MW-03D	05/11/99	23 - 28	Middle Aquitard	Deep	13.04	4.71	8.33
MW-04I	05/11/99	18 - 28	Upper Sand - Upper 7 ft Middle Aquitard - Lower 3 ft	Intermediate	13.06	4.71	8.35
MW-05S	08/13/01	13 - 23	Upper Sand	Shallow	21.63	13.43	8.20
MW-05I	08/13/01	28 - 30	Base of Upper Sand	Intermediate	21.22	13.00	8.22
MW-05D	08/13/01	40 - 42	Middle Aquitard	Deep	21.59	13.83	7.76
MW-06S	08/14/01	2 - 12	Upper Sand	Shallow	10.59	2.30	8.29
MW-06I	08/14/01	20 - 22	Base of Upper Sand	Intermediate	10.59	2.02	8.57
MW-06D	08/14/01	34 - 36	Middle Aquitard	Deep	10.63	not measured	not measured
MW-07S	08/13/01	3 - 13	Upper Sand	Shallow	12.14	3.86	8.28
MW-07I	08/13/01	22 - 24	Base of Upper Sand	Intermediate	12.13	4.24	7.89
MW-07D	08/13/01	30 - 32	Middle Aquitard	Deep	12.16	4.08	8.08

Notes:

ft - feet

Prepared by: JRY
Checked by: MGV

TABLE 2
GROUNDWATER DATA SUMMARY
Trans-Lite, Inc, 120 Wampus Lane, Milford, Connecticut

Sample Identification:		MW-01I	MW-01I	MW-01I	MW-02I	MW-02I	MW-03D	MW-03D	MW-03D	MW-04I	MW-04I	MW-04I	MW-05S	MW-05S	MW-05S	
Sample Date:		09/11/01	04/12/06	01/20/11	09/11/01	04/13/06	01/19/11	09/11/01	04/13/06	01/19/11	09/11/01	04/13/06	01/19/11	09/11/01	04/12/06	
Depth to Water (feet):	Connecticut RSR Criteria	5.51	4.42	5.75	4.60	3.57	4.70	5.07	3.89	4.71	4.79	3.93	4.71	13.14	12.20	
Relative Water Table Elevation (feet):	SWPC	Res Vol	I/C Vol	8.44	9.53	8.20	8.39	9.42	8.29	7.97	9.15	8.33	8.27	9.13	8.35	9.43
Volatile Organic Compounds (VOCs) - SW846 8260B, ug/L																
Acetone	--	50,000	50,000	-	-	<5.0	-	-	<5.0	-	-	<5.0	-	-	<5.0	
Acrylonitrile	20	--	--	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	
Benzene	710	130	310	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	
Bromobenzene	--	--	--	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	
Bromoform	--	--	--	-	<1	<0.5	-	<1	2.0	-	<1	<0.5	-	<1	<0.5	
Bromomethane	10,800	75	2,300	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	
n-Butylbenzene	--	--	--	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	
sec-Butylbenzene	--	1,500	21,000	<40	-	<0.5	<80	-	<0.5	<1.0	-	<0.5	<1.0	-	<0.5	
tert-Butylbenzene	--	--	--	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	
Carbon disulfide	--	--	--	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	
Carbon tetrachloride	132	5.3	14	<40	<1	0.6	<80	<1	<0.5	4.2	3.0	2.7	6.5	4.0	3.9	2.1
Chlorobenzene	420,000	1,800	23,000	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	
Chloroethane	--	12,000	29,000	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	
Chloroform	14,100	26	62	<40	<1	2.3	<80	<1	21.5	1.4	5.0	4.3	1.8	6.0	3.9	17
Chloromethane	--	390	5,500	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	
2-Chlorotoluene	--	--	--	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	
4-Chlorotoluene	--	--	--	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	
Dibromochloromethane	1,020	--	--	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	
Dibromoethane	--	--	--	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	
1,2-Dibromoethane	--	0.3	11	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	
1,2-Dibromo-3-chloropropane	--	--	--	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	
1,2-Dichlorobenzene	170,000	5,100	50,000	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	
1,3-Dichlorobenzene	26,000	4,300	50,000	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	
1,4-Dichlorobenzene	26,000	1,400	3,400	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	
Dichlorodifluoromethane	--	93	1,200	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	
1,1-Dichloroethane	--	3,000	41,000	<40	<1	<0.5	<80	<1	13.8	<1.0	1.0	5.0	1.8	<1.0	1.0	
1,2-Dichloroethane	2,970	6.5	68	<40	<1	<0.5	<80	<1	<0.5	1.3	3.0	4.7	2.8	2.0	1.0	
1,1-Dichloroethene	96	190	920	270	4.0	104	3,600	4.0	1.70	110	143	498	150	62.0	52.0	
cis-1,2-Dichloroethene	--	830	11,000	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	
trans-1,2-Dichloroethene	--	1,000	13,000	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	
trans-1,4-Dichloro-2-butene	--	--	--	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	
1,2-Dichloropropane	--	7.4	58	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	
1,3-Dichloropropane	34,000	11	360	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	
2,2-Dichloropropane	--	--	--	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	
1,1-Dichloropropylene	--	--	--	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	
cis-1,3-Dichloropropylene	--	--	--	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	
trans-1,3-Dichloropropylene	--	--	--	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	
Ethylbenzene	580,000	2,700	36,000	<40	<1	<0.5	<80	<1	2.0	<1.0	<1	<0.5	<1.0	<1	<0.5	
Hexachlorobutadiene	--	--	--	-	<10	<0.45	-	<10	<0.45	-	<10	<0.45	-	<10	<0.45	
Isopropylbenzene	--	2,800	6,800	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	
p-Isopropyltoluene	--	--	--	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	
Methylene chloride	48,000	160	2,200	<40	<1	<0.5	<80	<1	<0.5	<1.0	<1	<0.5	<1.0	<1	<0.5	
Methyl butyl ketone	--	--	--	-	-	<5.0	-	-	<5.0	-	-	<5.0	-	-	<5.0	
Methyl ethyl ketone	--	50,000	50,000	-	-	<5.0	-	-	<5.0	-	-	<5.0	-	-	<5.0	
4-Methyl-2-pentanone (MIBK)	--	13,000	50,000	-	-	<5.0	-	-	<5.0	-	-	<5.0	-	-	<5.0	
Methyl tert-butyl ether	--	21,000	50,000	<80	-	<0.5	<160	-	<0.5	<2.0	-	<0.5	2.4	-</td		

TABLE 2
GROUNDWATER DATA SUMMARY
Trans-Lite, Inc, 120 Wampus Lane, Milford, Connecticut

Sample Identification:		MW-05I	MW-05I	MW-05I	MW-05D	MW-05D	MW-06S	MW-06S	MW-06S	MW-06I	MW-06I	MW-06D	MW-06D	MW-06D	
Sample Date:		09/11/01	04/12/06	01/17/11	09/11/01	04/12/06	01/17/11	09/11/01	04/12/06	01/19/11	09/11/01	04/12/06	01/19/11	09/11/01	
Depth to Water (feet):	Connecticut RSR Criteria	12.80	12.11	13.00	13.69	14.82	13.83	3.10	1.70	2.30	2.92	2.05	2.02	3.04	5.96
Relative Water Table Elevation (feet):	SWPC	Res Vol	I/C Vol	8.42	9.11	8.22	7.90	6.77	7.76	7.49	8.89	8.29	7.67	8.54	4.67
Volatile Organic Compounds (VOCs) - SW846 8260B, ug/L															
Acetone	--	50,000	50,000	-	-	<5.0	-	-	<5.0	-	-	<5.0	-	-	<5.0
Acrylonitrile	20	--	--	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5
Benzene	710	130	310	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5
Bromobenzene	--	--	--	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<40	<0.5
Bromoform	--	--	--	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<40	<0.5
Bromomethane	--	--	--	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<40	<0.5
n-Butylbenzene	--	1,500	21,000	<1.0	-	<0.5	<1.0	-	<0.5	<10	-	<0.5	1.2	-	<0.5
sec-Butylbenzene	--	1,500	20,000	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5
tert-Butylbenzene	--	--	--	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5
Carbon disulfide	--	--	--	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5
Carbon tetrachloride	132	5.3	14	10	9.0	9.5	1.8	<1	0.5	<10	<1	<0.5	<1.0	<40	<0.5
Chlorobenzene	420,000	1,800	23,000	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<40	<0.5
Chloroethane	--	12,000	29,000	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<40	<0.5
Chloroform	14,100	26	62	14	3.0	5.1	20	8.0	11.1	79	<1	<0.5	26	<40	3.5
Chloromethane	--	390	5,500	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<40	<0.5
2-Chlorotoluene	--	--	--	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<40	<0.5
4-Chlorotoluene	--	--	--	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<40	<0.5
Dibromochloromethane	1,020	--	--	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<40	<0.5
Dibromoethane	--	--	--	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<40	<0.5
1,2-Dibromoethane	--	0.3	11	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<40	<0.5
1,2-Dibromo-3-chloropropane	--	--	--	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<40	<0.5
1,2-Dichlorobenzene	170,000	5,100	50,000	-	<1	<0.5	-	<1	<0.5	-	<1	0.7	-	<40	1.0
1,3-Dichlorobenzene	26,000	4,300	50,000	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<40	0.6
1,4-Dichlorobenzene	26,000	1,400	3,400	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<40	0.6
Dichlorodifluoromethane	--	93	1,200	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<40	<0.5
1,1-Dichloroethane	--	3,000	41,000	<1.0	<1	<0.5	<1.0	<1	<0.5	22	<1	<0.5	7.9	<40	2.2
1,2-Dichloroethane	2,970	6.5	68	<1.0	<1	<0.5	<1.0	<1	<0.5	<10	<1	<0.5	<1.0	<40	<0.5
1,1-Dichloroethene	96	190	920	<1.0	<1	<0.5	<1.0	4.0	1.5	48	<1	0.7	7.5	<40	2.6
cis-1,2-Dichloroethene	--	830	11,000	-	<1	<0.5	-	<1	<0.5	-	<1	2.4	-	<40	<0.5
trans-1,2-Dichloroethene	--	1,000	13,000	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<40	<0.5
trans-1,4-Dichloro-2-butene	--	--	--	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5
1,2-Dichloropropane	--	7.4	58	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<40	<0.5
1,3-Dichloropropane	34,000	11	360	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<40	<0.5
2,2-Dichloropropane	--	--	--	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<40	<0.5
1,1-Dichloropropylene	--	--	--	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<40	<0.5
cis-1,3-Dichloropropylene	--	--	--	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<40	<0.5
trans-1,3-Dichloropropylene	--	--	--	-	<1	<0.5	-	<1	<0.5	-	<1	<0.5	-	<40	<0.5
Ethylbenzene	580,000	2,700	36,000	<1.0	<1	<0.5	<1.0	<1	<0.5	<10	<1	90	<40	<0.5	1
Hexachlorobutadiene	--	--	--	-	<10	<0.45	-	<10	<0.45	-	<10	<0.45	-	<400	<0.45
Isopropylbenzene	--	2,800	6,800	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5
p-Isopropyltoluene	--	--	--	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5
Methylene chloride	48,000	160	2,200	<1.0	<1	<0.5	<1.0	<1	<0.5	<10	<1	<0.5	760	41.1	7
Methyl butyl ketone	--	--	--	-	-	<5.0	-	-	<5.0	-	-	<5.0	-	-	<5.0
Methyl ethyl ketone	--	50,000	50,000	-	-	<5.0	-	-	<5.0	-	-	<5.0	-	-	<5.0
4-Methyl-2-pentanone (MIBK)	--	13,000	50,000	-	-	<5.0	-	-	<5.0	-	-	<5.0	-	-	<5.0
Methyl tert-butyl ether	--	21,000	50,000	<2.0	-	<0.5	4.4	-	<0.5	<20	-	<0.5	<2.0	-	<0.5
Naphthalene	--	--	--	<1.0	-	<0.5	<1.0	-	<0.5	<10	-	<0.5	23	-	2
n-Propylbenzene	--	--	--	<1.0	-	<0.5	<1.0	-	<0.5	<10	-	<			

TABLE 2
GROUNDWATER DATA SUMMARY
Trans-Lite, Inc, 120 Wampus Lane, Milford, Connecticut

Sample Identification:		MW-07S	MW-07S	MW-07S	MW-07I	MW-07I	MW-07D	MW-07D	MW-07D
Sample Date:		09/11/01	04/13/06	01/20/11	09/11/01	04/12/06	01/20/11	09/11/01	04/12/06
Depth to Water (feet):	Connecticut RSR Criteria	4.47	3.08	3.86	4.44	3.82	4.24	4.40	5.31
Relative Water Table Elevation (feet):	SWPC	Res Vol	I/C Vol	7.67	9.06	8.28	7.69	7.89	6.85
Volatile Organic Compounds (VOCs) - SW846 8260B, ug/L									
Acetone	--	50,000	50,000	-	-	<5.0	-	-	<5.0
Acrylonitrile	20	--	--	-	-	<0.5	-	<0.5	<0.5
Benzene	710	130	310	-	-	<0.5	-	<0.5	<0.5
Bromobenzene	--	--	--	-	<1	<0.5	-	<1	<0.5
Bromoform	--	--	--	-	<1	<0.5	-	<1	<0.5
Bromochloromethane	--	2.3	73	-	<1	<0.5	-	<1	<0.5
Bromodichloromethane	--	10,800	75	2,300	-	<1	<0.5	-	<0.5
Bromomethane	--	--	--	-	<1	<0.5	-	<1	<0.5
n-Butylbenzene	--	1,500	21,000	<10	-	<0.5	<10	-	<0.5
sec-Butylbenzene	--	1,500	20,000	-	-	<0.5	-	<0.5	<0.5
tert-Butylbenzene	--	--	--	-	-	<0.5	-	<0.5	<0.5
Carbon disulfide	--	--	--	-	-	<0.5	-	<0.5	<0.5
Carbon tetrachloride	132	5.3	14	<10	<1	<0.5	72	65.0	28.3
Chlorobenzene	420,000	1,800	23,000	-	<1	<0.5	-	<1	<0.5
Chloroethane	--	12,000	29,000	-	<1	<0.5	-	<1	<0.5
Chloroform	14,100	26	62	<10	<1	1.8	21	10.0	7.7
Chloromethane	--	390	5,500	-	<1	<0.5	-	<1	<0.5
2-Chlorotoluene	--	--	--	-	<1	<0.5	-	<1	<0.5
4-Chlorotoluene	--	--	--	-	<1	<0.5	-	<1	<0.5
Dibromochloromethane	1,020	--	--	-	<1	<0.5	-	<1	<0.5
Dibromoethane	--	--	--	-	<1	<0.5	-	<1	<0.5
1,2-Dibromoethane	--	0.3	11	-	<1	<0.5	-	<1	<0.5
1,2-Dibromo-3-chloropropane	--	--	--	-	<1	<0.5	-	<1	<0.5
1,2-Dichlorobenzene	170,000	5,100	50,000	-	<1	<0.5	-	<1	<0.5
1,3-Dichlorobenzene	26,000	4,300	50,000	-	<1	<0.5	-	<1	<0.5
1,4-Dichlorobenzene	26,000	1,400	3,400	-	<1	<0.5	-	<1	<0.5
Dichlorodifluoromethane	--	93	1,200	-	<1	<0.5	-	<1	<0.5
1,1-Dichloroethane	--	3,000	41,000	<10	7.0	5.1	<10	6.0	9.3
1,2-Dichloroethane	2,970	6.5	68	<10	4.0	1.8	<10	11.0	6.4
1,1-Dichloroethene	96	190	920	130	220	130	120	380	347
cis-1,2-Dichloroethene	--	830	11,000	-	2.0	7.1	-	<1	2.8
trans-1,2-Dichloroethene	--	1,000	13,000	-	<1	<0.5	-	<1	<0.5
trans-1,4-Dichloro-2-butene	--	--	--	-	-	<0.5	-	<0.5	<0.5
1,2-Dichloropropane	--	7.4	58	-	<1	<0.5	-	<1	<0.5
1,3-Dichloropropane	34,000	11	360	-	<1	<0.5	-	<1	<0.5
2,2-Dichloropropane	--	--	--	-	<1	<0.5	-	<1	<0.5
1,1-Dichloropropylene	--	--	--	-	<1	<0.5	-	<1	<0.5
cis-1,3-Dichloropropylene	--	--	--	-	<1	<0.5	-	<1	<0.5
trans-1,3-Dichloropropylene	--	--	--	-	<1	<0.5	-	<1	<0.5
Ethylbenzene	580,000	2,700	36,000	<10	<1	<0.5	<10	<1	<0.5
Hexachlorobutadiene	--	--	--	-	<10	<0.45	-	<10	<0.45
Isopropylbenzene	--	2,800	6,800	-	-	<0.5	-	<0.5	<0.5
p-Isopropyltoluene	--	--	--	-	-	<0.5	-	<0.5	<0.5
Methylene chloride	48,000	160	2,200	<10	<1	<0.5	<10	<1	<0.5
Methyl butyl ketone	--	--	--	-	-	<5.0	-	<5.0	<5.0
Methyl ethyl ketone	--	50,000	50,000	-	-	<5.0	-	<5.0	<5.0
4-Methyl-2-pentanone (MIBK)	--	13,000	50,000	-	-	<5.0	-	<5.0	<5.0
Methyl tert-butyl ether	--	21,000	50,000	<20	-	<0.5	<20	-	<0.5
Naphthalene	--	--	--	<10	-	<0.5	<10	-	<0.5
n-Propylbenzene	--	--	--	<10	-	<0.5	<10	-	<0.5
Styrene	--	3,100	42,000	-	-	<0.5	-	<0.5	<0.5
1,1,1,2-Tetrachloroethane	--	2	64	-	<1	<0.5	-	0.5	<1
1,1,2,2-Tetrachloroethane	110	1.8	54	-	<1	<0.5	-	<0.5	<0.5
Tetrachloroethene	88	340	810	390	118	393	28	63.0	566
Tetrahydrofuran	--	--	--	-	-	<5.0	-	<5.0	<5.0
Toluene	4,000,000	7,100	41,000	<10	-	<0.5	<10	-	<0.5
1,2,3-Trichlorobenzene	--	--	--	-	<1	<0.5	-	<1	<0.5
1,2,4-Trichlorobenzene	--	--	--	-	<1	<0.5	-	<1	<0.5
1,1,1-Trichloroethane	62,000	6,500	16,000	84	98.0	25.3	85	125	65.4
1,1,2-Trichloroethane	1,260	220	2,900	-	1	<0.5	-	1.0	1.3
1,2,3-Trichloropropane	--	--	--	-	<1	<0.5	-	<1	<0.5
Trichloroethene	2,340	27	67	10	11.0	17.2	16	23	21.4
Trichlorofluoromethane	--	1,300	4,200	-	<1	<0.5	-	<1	<0.5
Trichlorotrifluoroethane	--	--	--	-	-	<0.5	-	<0.5	<0.5
1,2,4-Trimethylbenzene	--	360	4,800	<10	-	<0.5	<10	-	<1.0
1,3,5-Trimethylbenzene	--	280	3,900	<10	-	<0.5	<10	-	<0.5
Vinyl chloride	15,750	1.6	52	-	<1	3.0	-	<1	<0.5
Xylenes (total)	--	8,700	48,000	<10	-	<0.5	<10	-	<0.5

Notes:

RSR = Connecticut Department of Environmental Protection Remediation Standard Regulations

SWPC = Surface Water Protection Criteria

Res Vol = 2003 Proposed Residential Volatilization Criteria

I/C Vol = 2003 Proposed Industrial/Commercial Volatilization Criteria

ug/L = micrograms per liter

-- = No applicable criteria for this constituent

- = not detected or not analyzed for indicated constituent

Bold = result above reporting limit

_____ = Result Exceeds the SWPC

[] = Result exceeds the Res Vol

[] = Result exceeds both the Res Vol and I/C Vol

Prepared by: JRY

Checked by: MGV

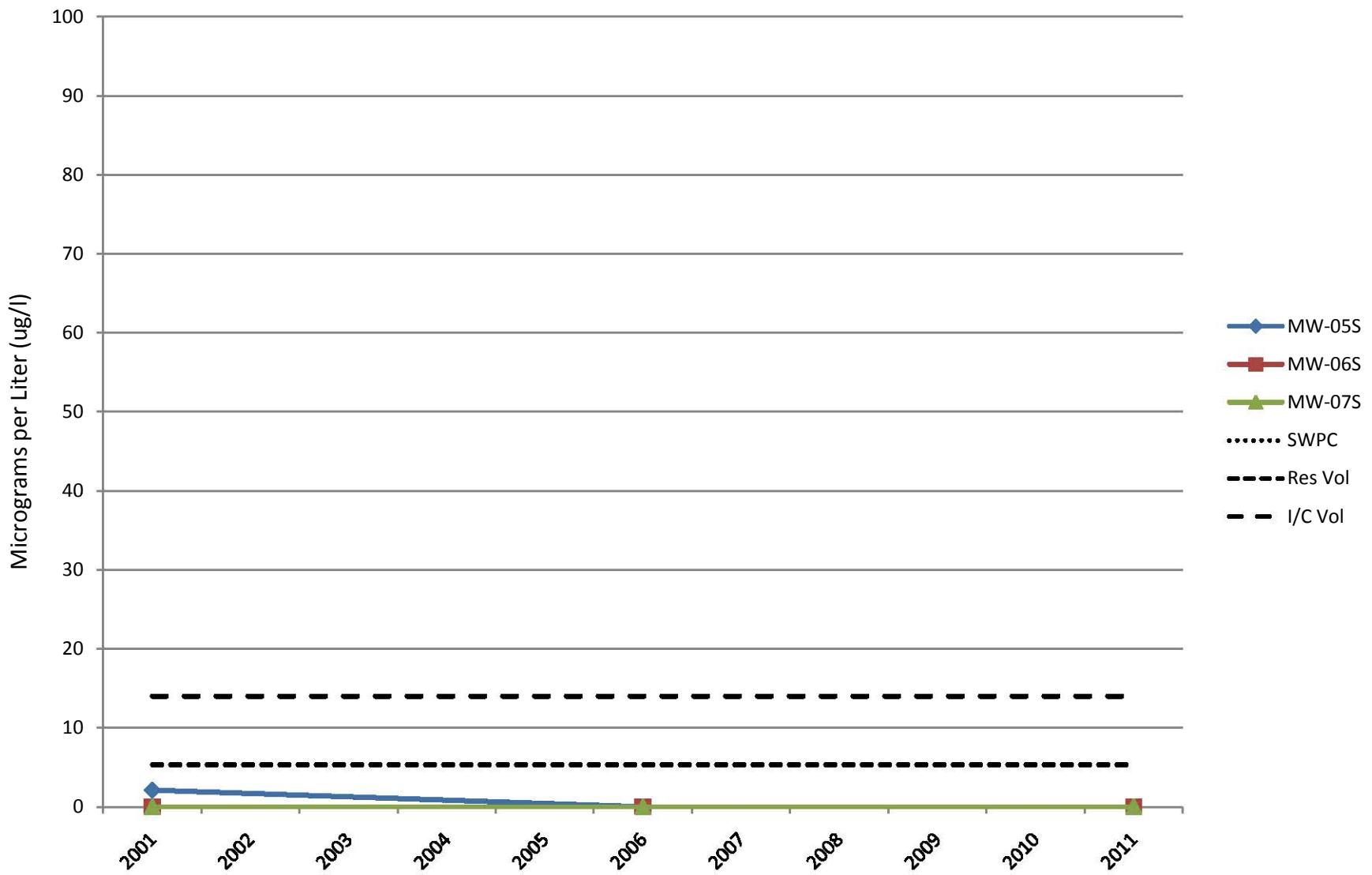
*Mr. William Maley, Jr.
Trans-Lite, Inc., 120 Wampus Lane, Milford, Connecticut 06460
MACTEC Project 3610110095*

March 3, 2011

GRAPHS

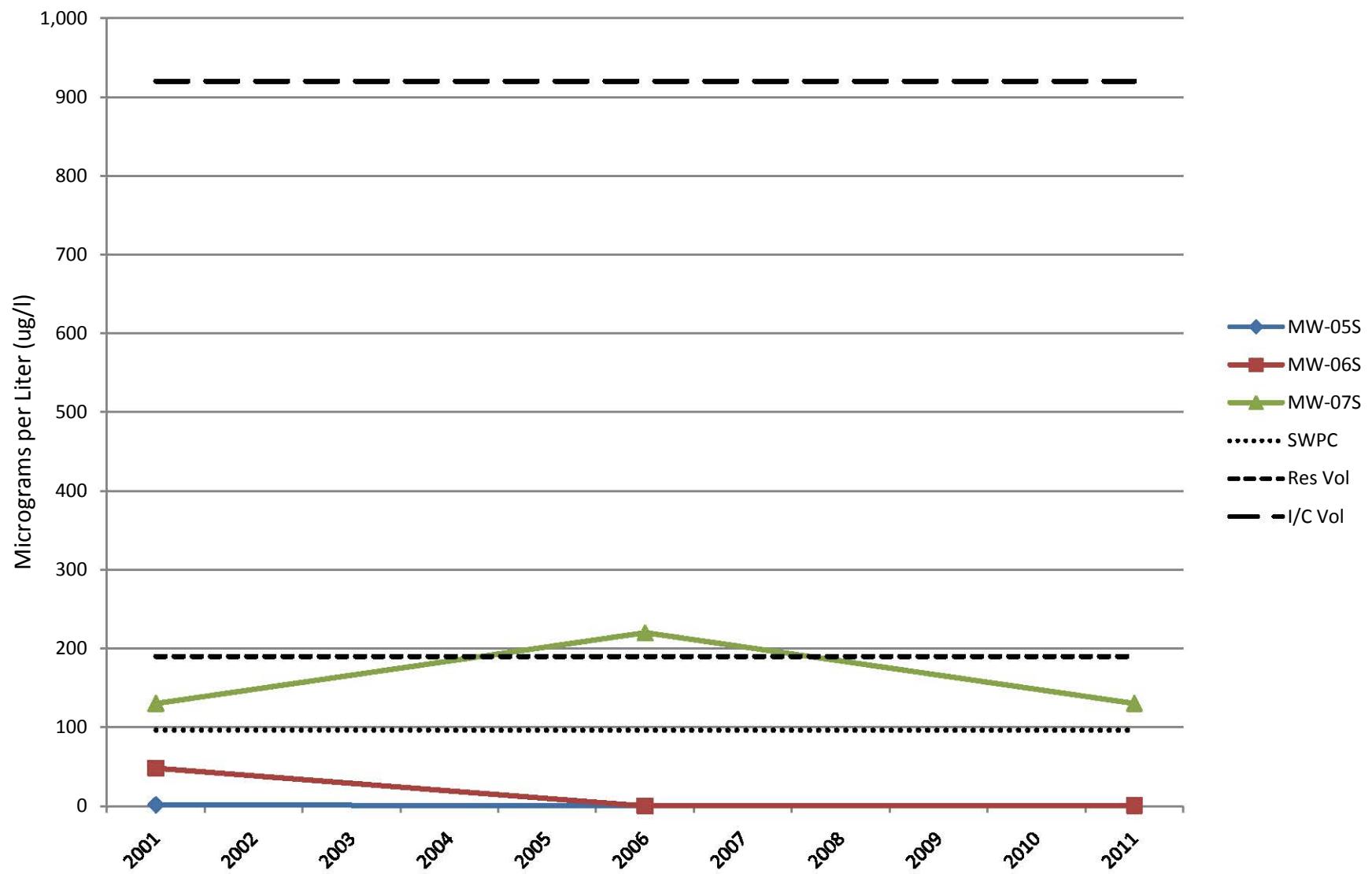
Graph 1 - Carbon Tetrachloride In Shallow Wells

Surface Water Protection Criteria (SWPC) = 132 ug/l
Residential Volatilization Criteria (Res Vol) = 5.3 ug/l
Industrial/Commercial Volatilization Criteria (I/C Vol) = 14 ug/l



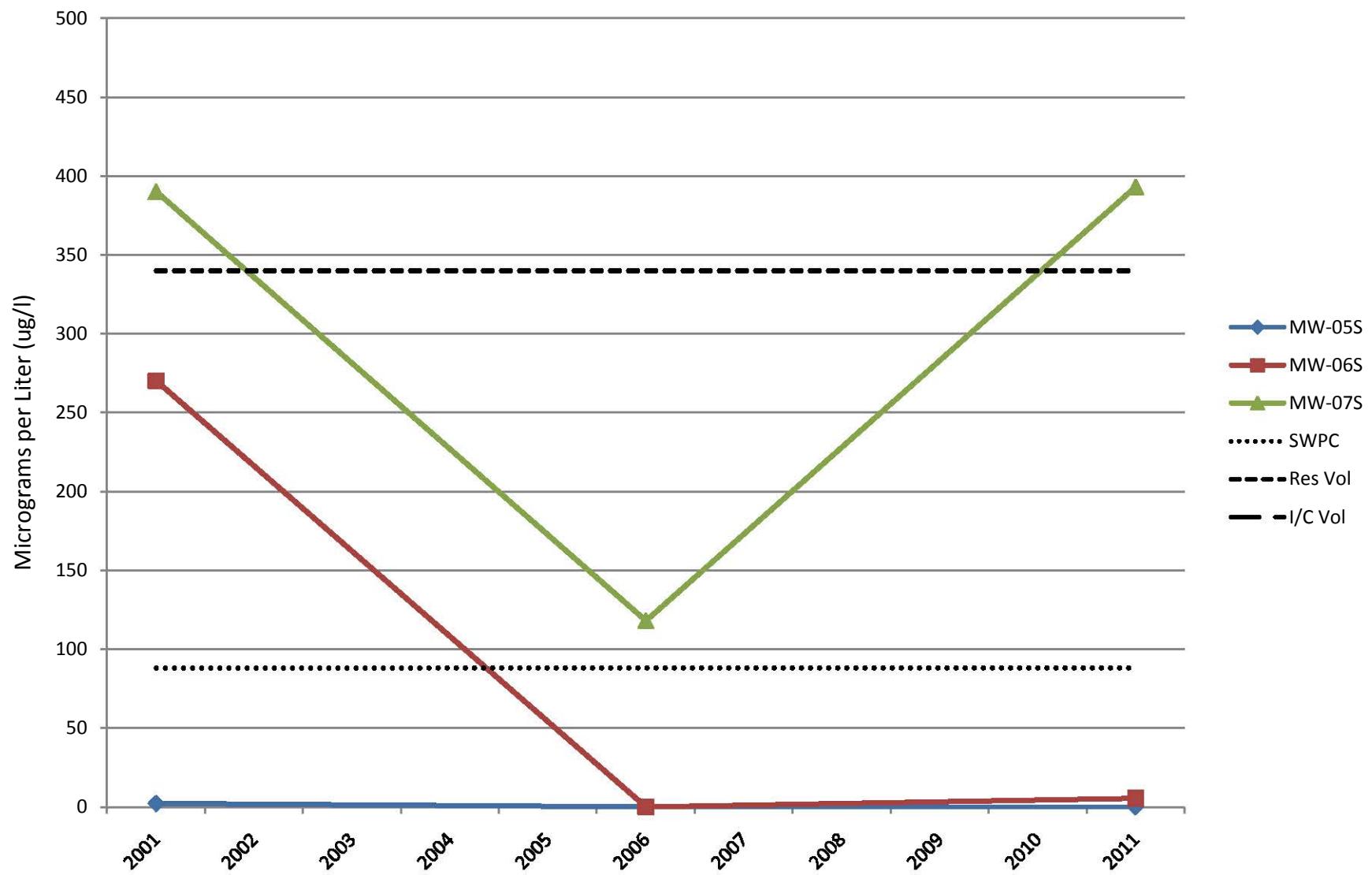
Graph 2 - 1,1-Dichloroethene (1,1-DCE) In Shallow Wells

Surface Water Protection Criteria (SWPC) = 96 ug/l
Residential Volatilization Criteria (Res Vol) = 190 ug/l
Industrial/Commercial Volatilization Criteria (I/C Vol = 920 ug/l)



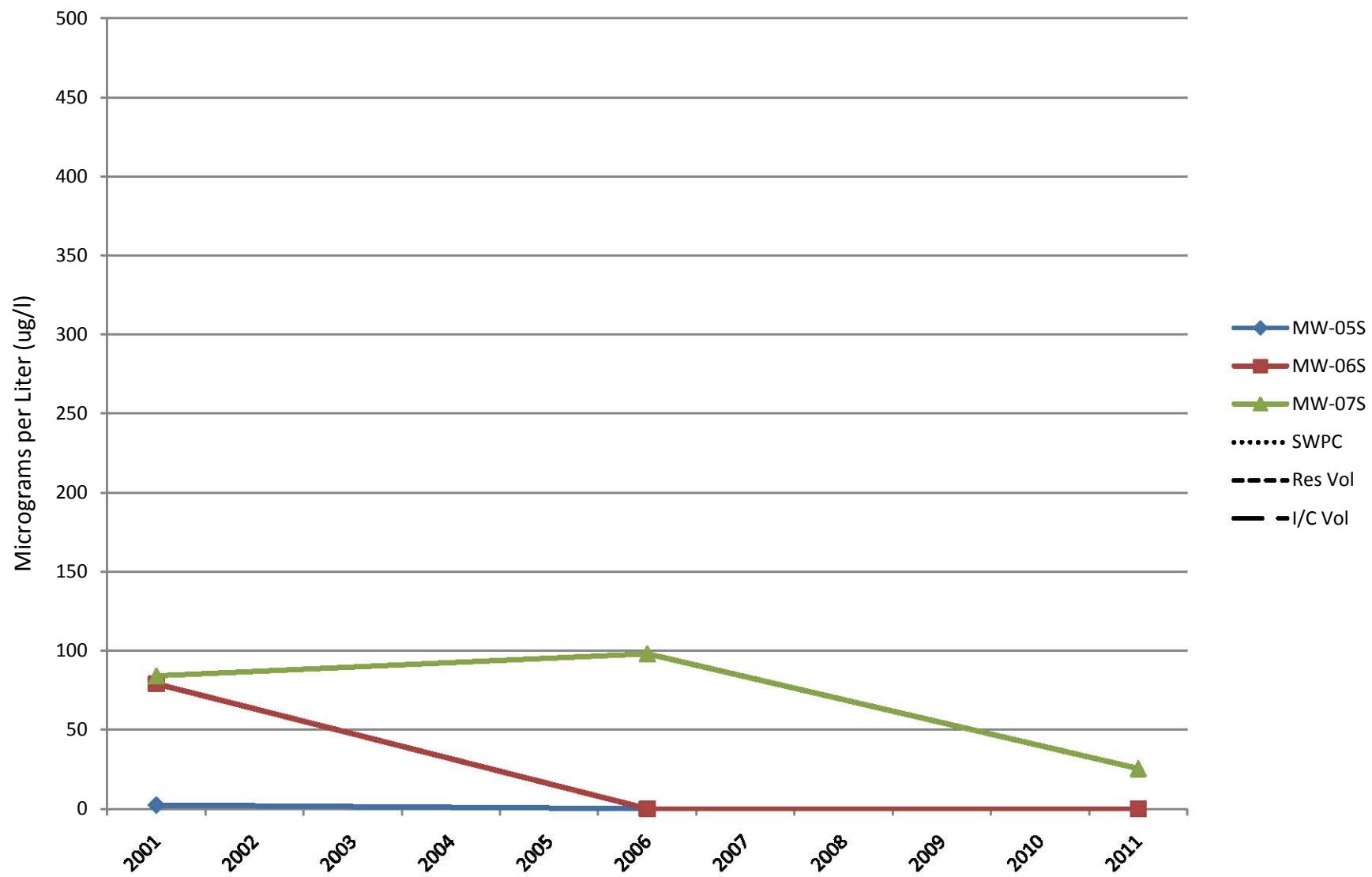
Graph 3 - Tetrachloroethene (PCE) In Shallow Wells

Surface Water Protection Criteria (SWPC) = 88 ug/l
Residential Volatilization Criteria (Res Vol) = 340 ug/l
Industrial/Commercial Volatilization Criteria (I/C Vol) = 810 ug/l



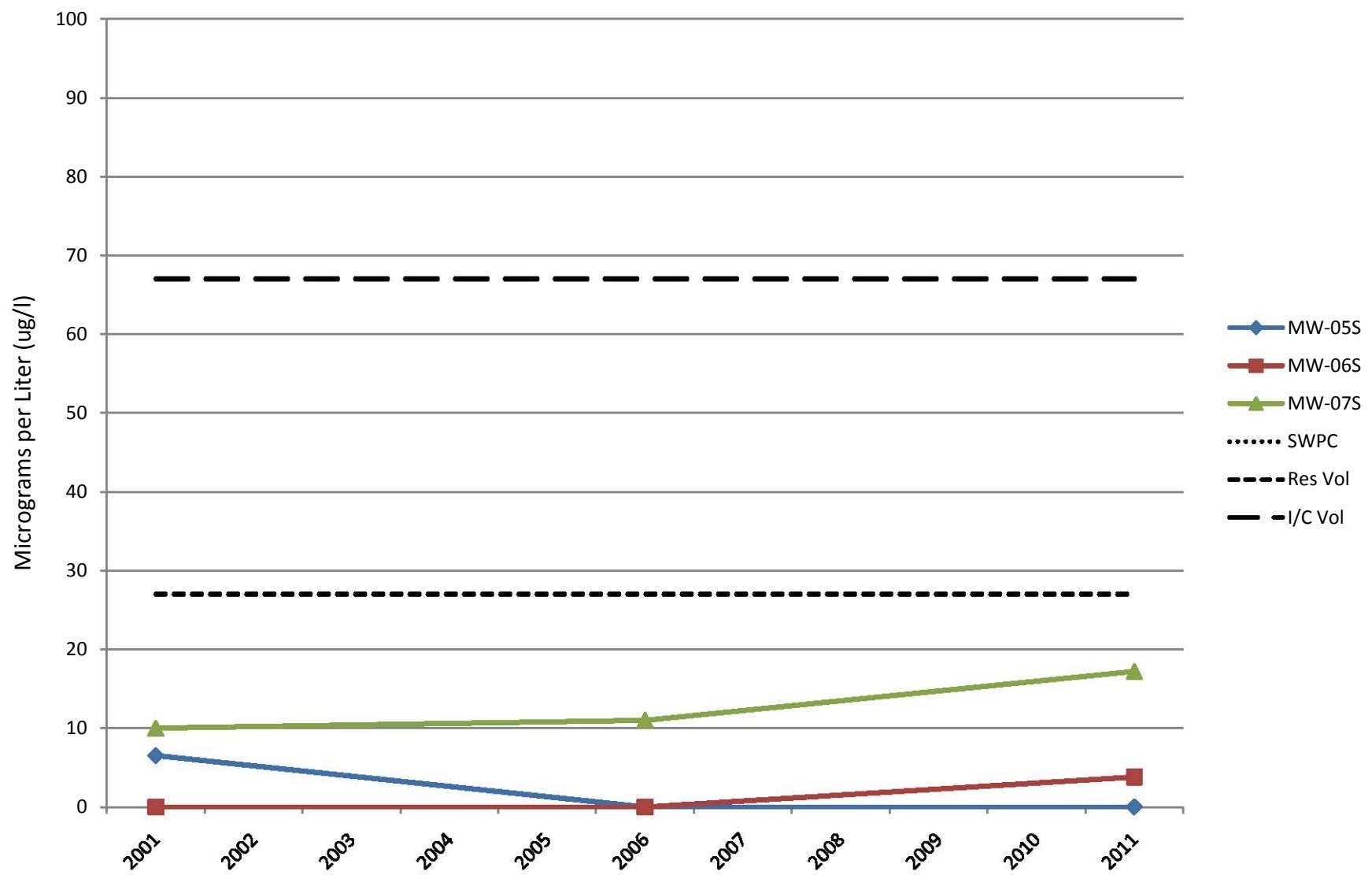
Graph 4 - 1,1,1-Trichloroethane (1,1,1-TCA) In Shallow Wells

Surface Water Protection Criteria (SWPC) = 62,000 ug/l
Residential Volatilization Criteria (Res Vol) = 6,500 ug/l
Industrial/Commercial Volatilization Criteria (I/C Vol) = 16,000 ug/l



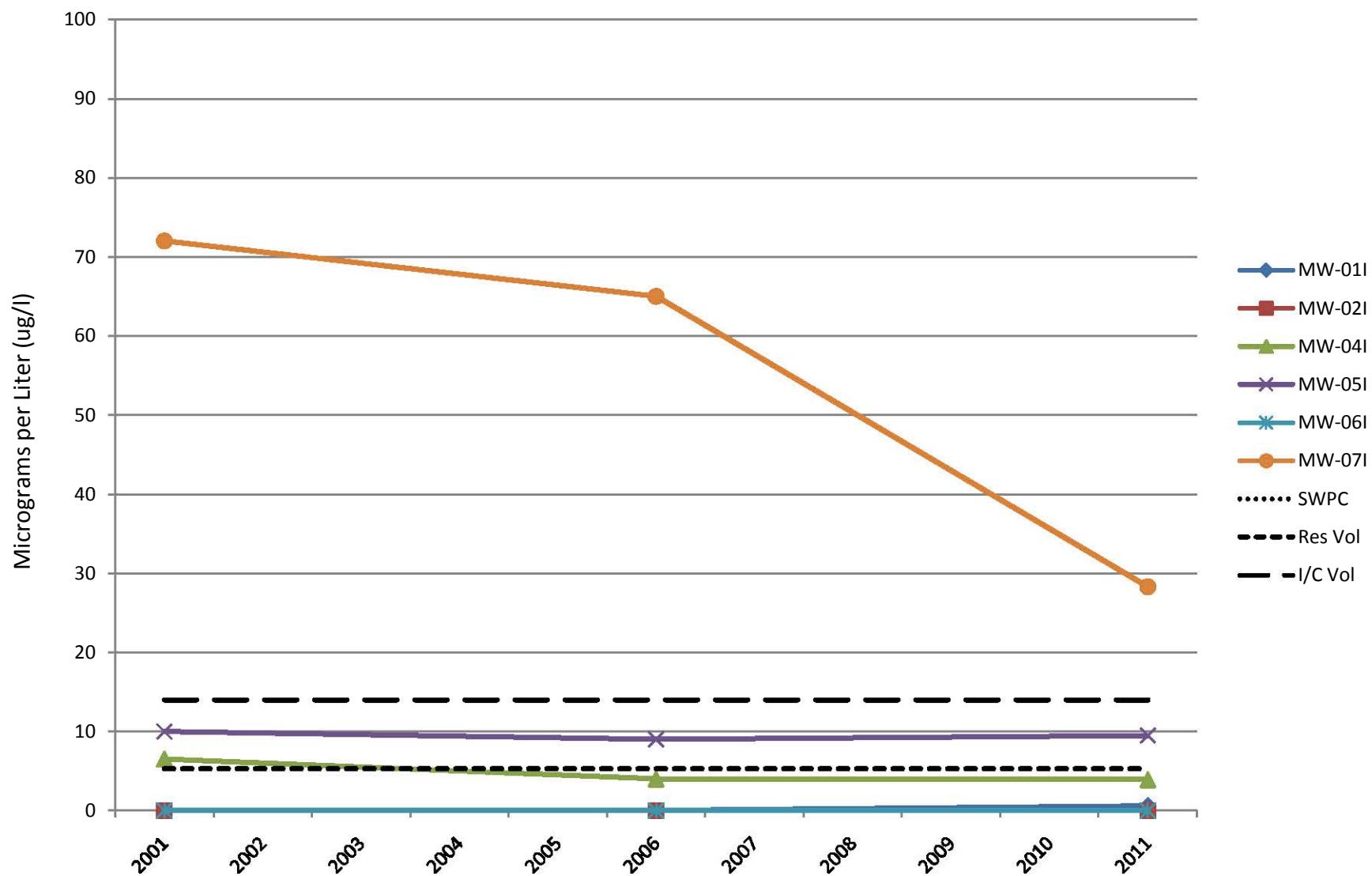
Graph 5 - Trichloroethene (TCE) In Shallow Wells

Surface Water Protection Criteria (SWPC) = 2,340 ug/l
Residential Volatilization Criteria (Res Vol) = 27 ug/l
Industrial/Commercial Volatilization Criteria (I/C Vol) = 67 ug/l



Graph 6 - Carbon Tetrachloride In Intermediate Wells

Surface Water Protection Criteria (SWPC) = 132 ug/l
Residential Volatilization Criteria (Res Vol) = 5.3 ug/l
Industrial/Commercial Volatilization Criteria (I/C Vol) = 14 ug/l

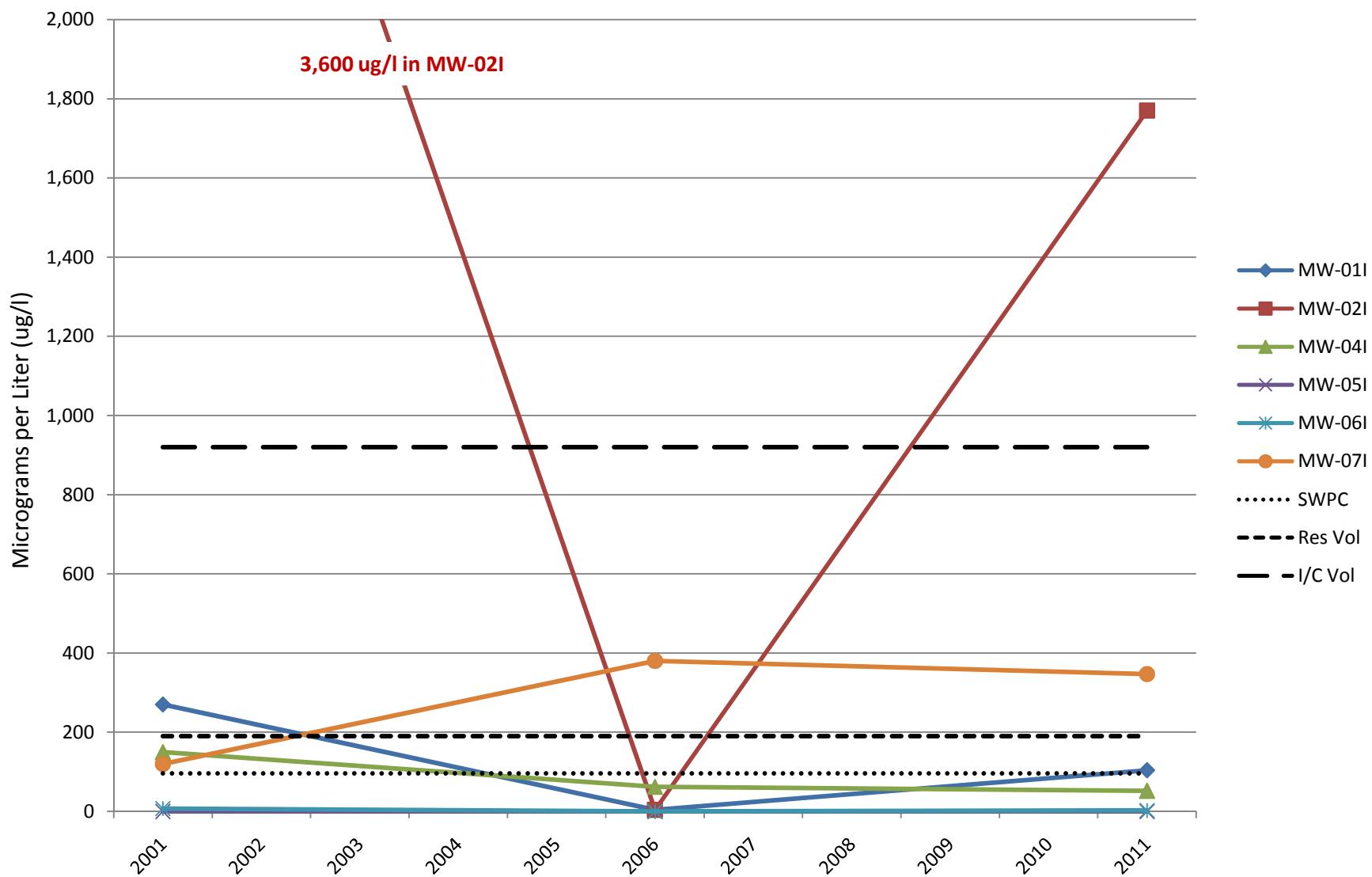


Graph 7 - 1,1-Dichloroethene (1,1-DCE) In Intermediate Wells

Surface Water Protection Criteria (SWPC) = 96 ug/l

Residential Volatilization Criteria (Res Vol) = 190 ug/l

Industrial/Commercial Volatilization Criteria (I/C Vol = 920 ug/l)

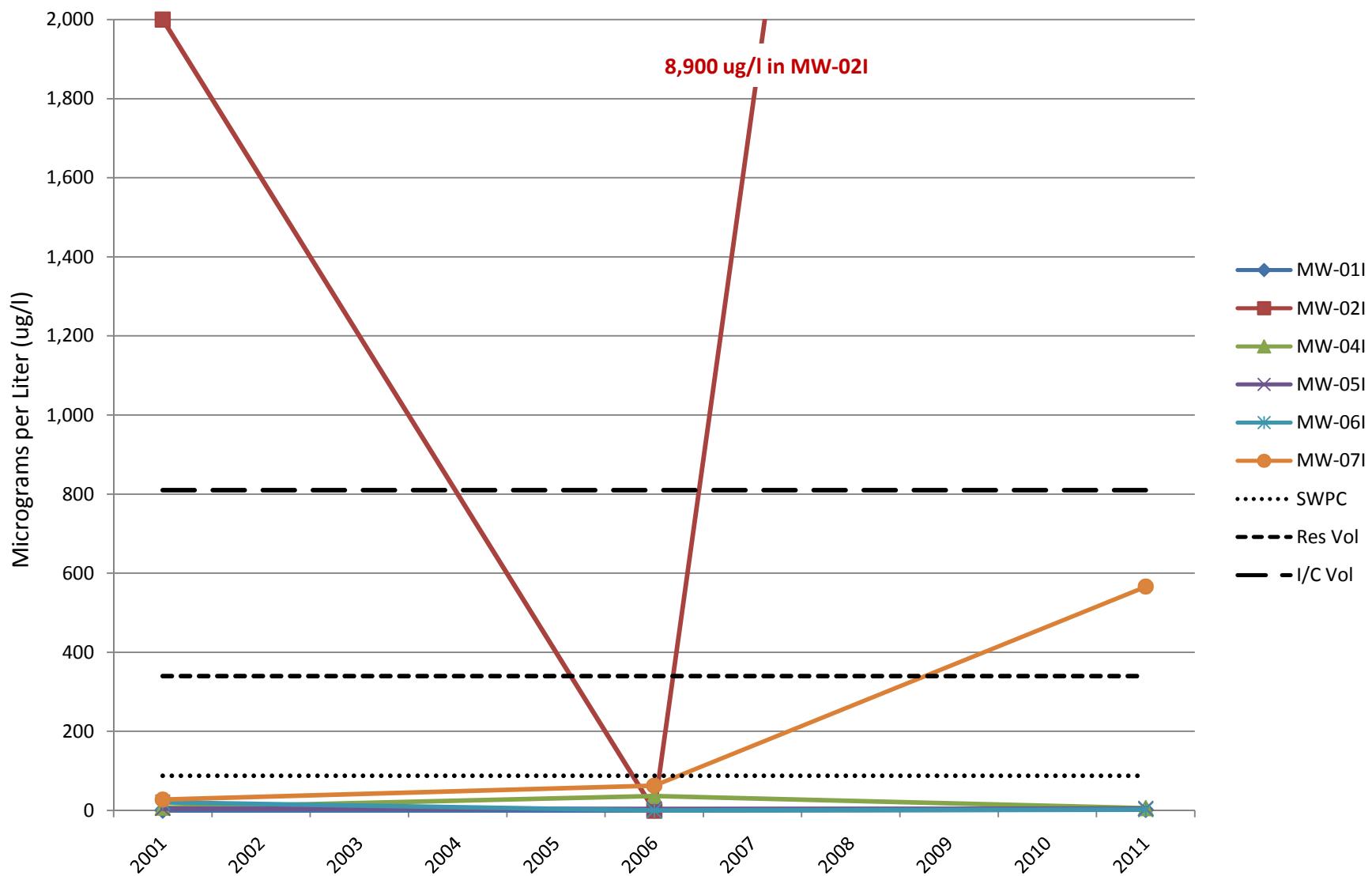


Graph 8 - Tetrachloroethene (PCE) In Intermediate Wells

Surface Water Protection Criteria (SWPC) = 88 ug/l

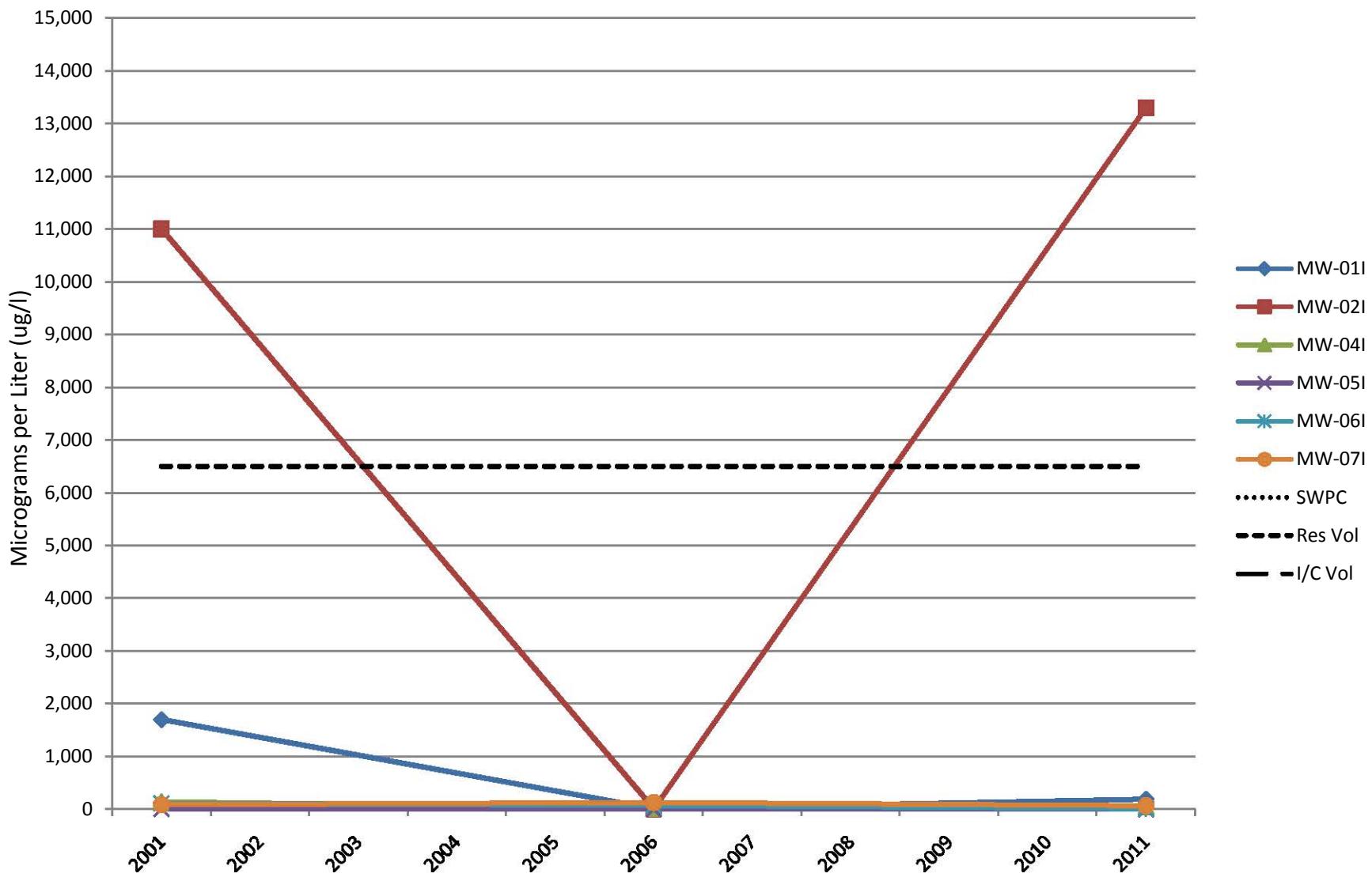
Residential Volatilization Criteria (Res Vol) = 340 ug/l

Industrial/Commercial Volatilization Criteria (I/C Vol) = 810 ug/l



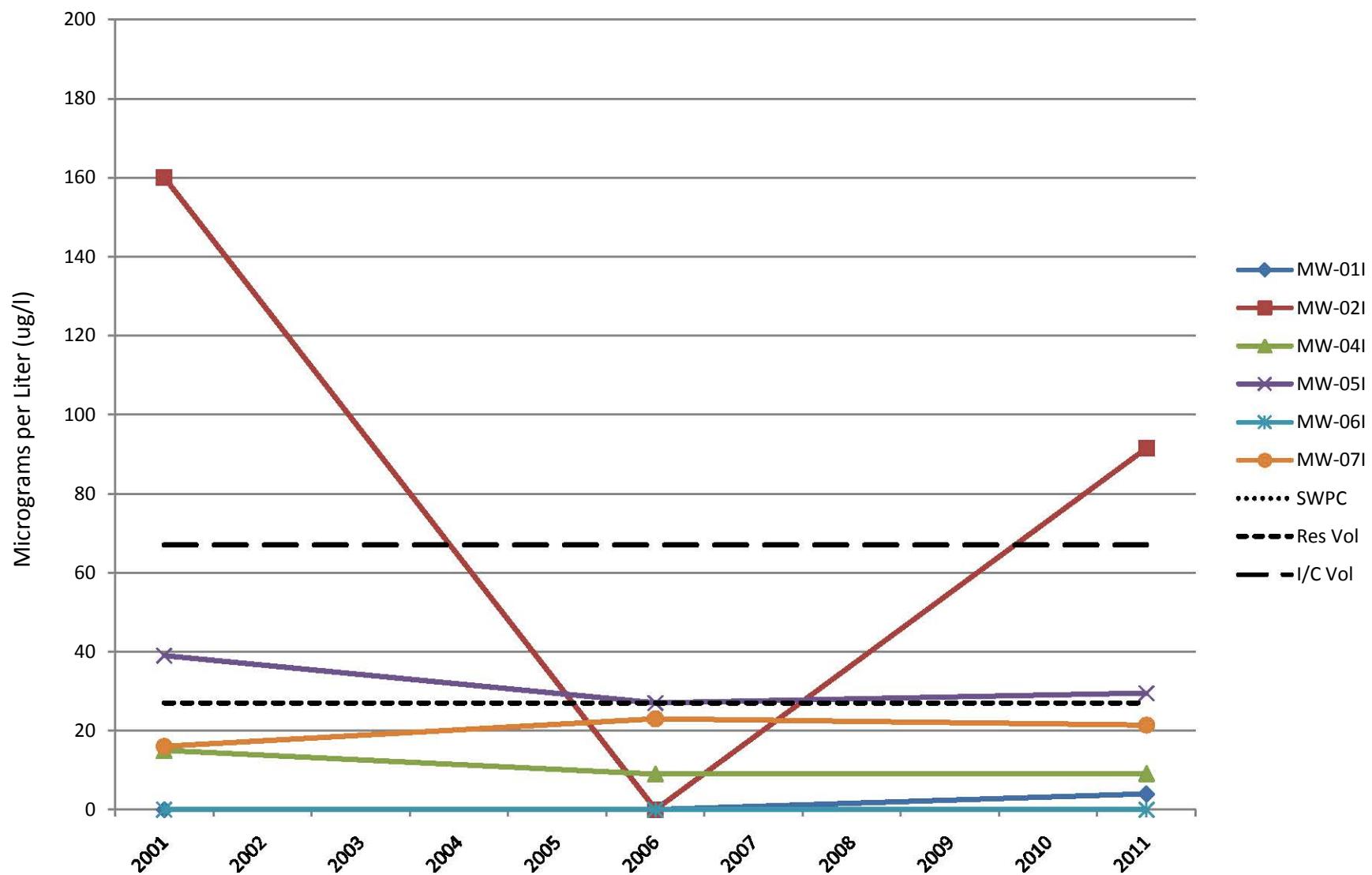
Graph 9 - 1,1,1-Trichloroethane (1,1,1-TCA) In Intermediate Wells

Surface Water Protection Criteria (SWPC) = 62,000 ug/l
Residential Volatilization Criteria (Res Vol) = 6,500 ug/l
Industrial/Commercial Volatilization Criteria (I/C Vol) = 16,000 ug/l



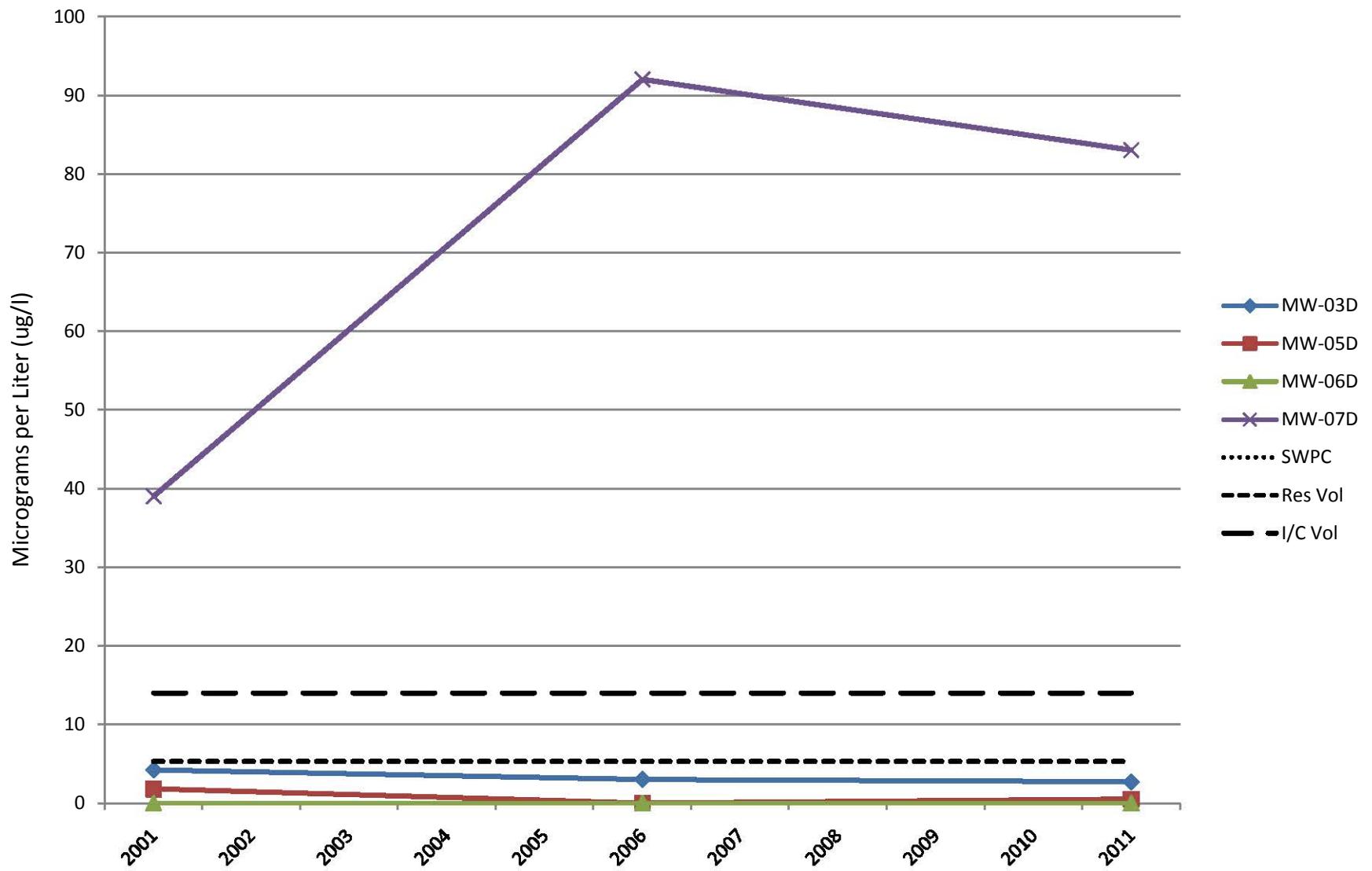
Graph 10 - Trichloroethene (TCE) In Intermediate Wells

Surface Water Protection Criteria (SWPC) = 2,340 ug/l
Residential Volatilization Criteria (Res Vol) = 27 ug/l
Industrial/Commercial Volatilization Criteria (I/C Vol) = 67 ug/l



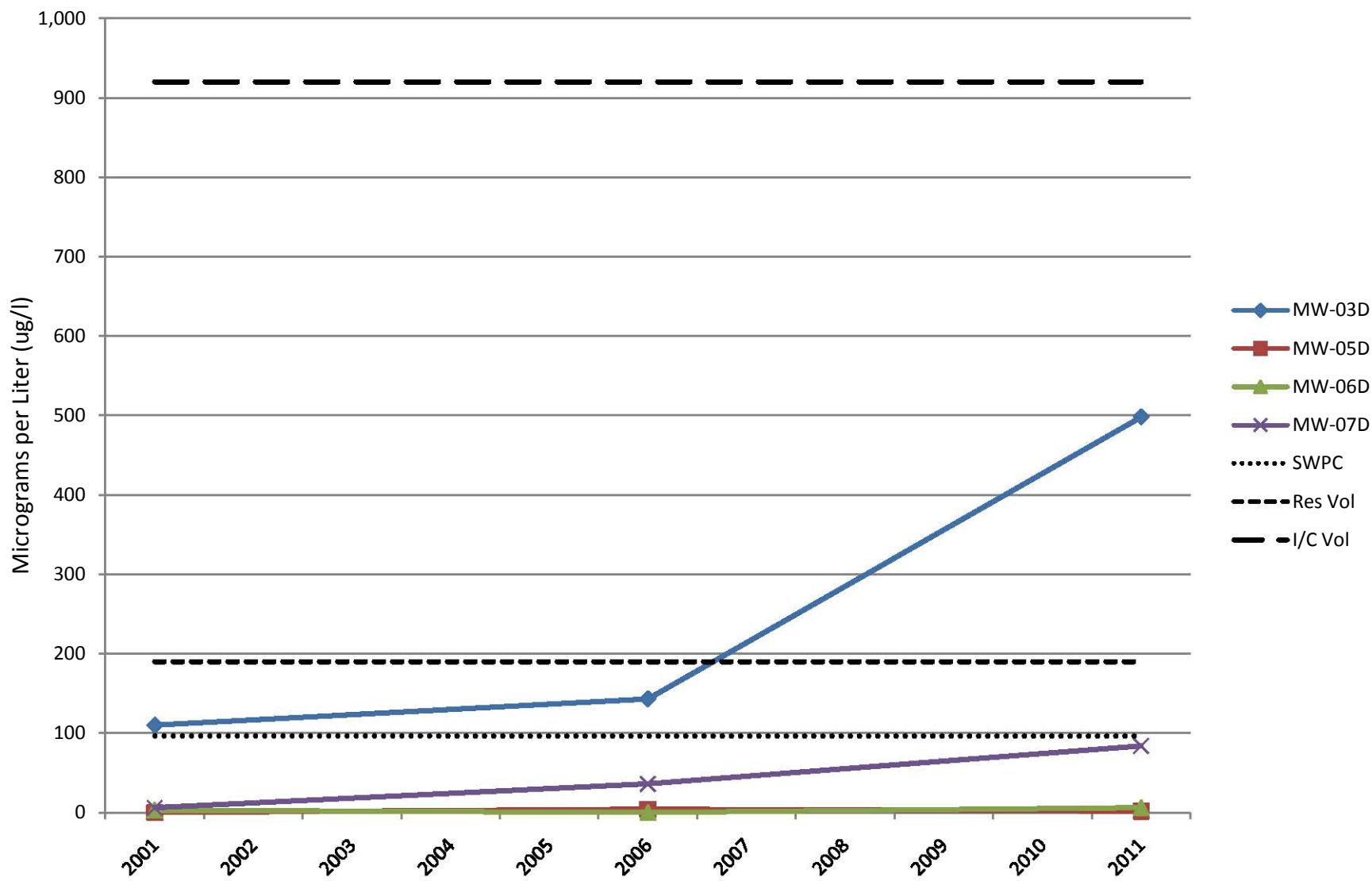
Graph 11 - Carbon Tetrachloride In Deep Wells

Surface Water Protection Criteria (SWPC) = 132 ug/l
Residential Volatilization Criteria (Res Vol) = 5.3 ug/l
Industrial/Commercial Volatilization Criteria (I/C Vol) = 14 ug/l



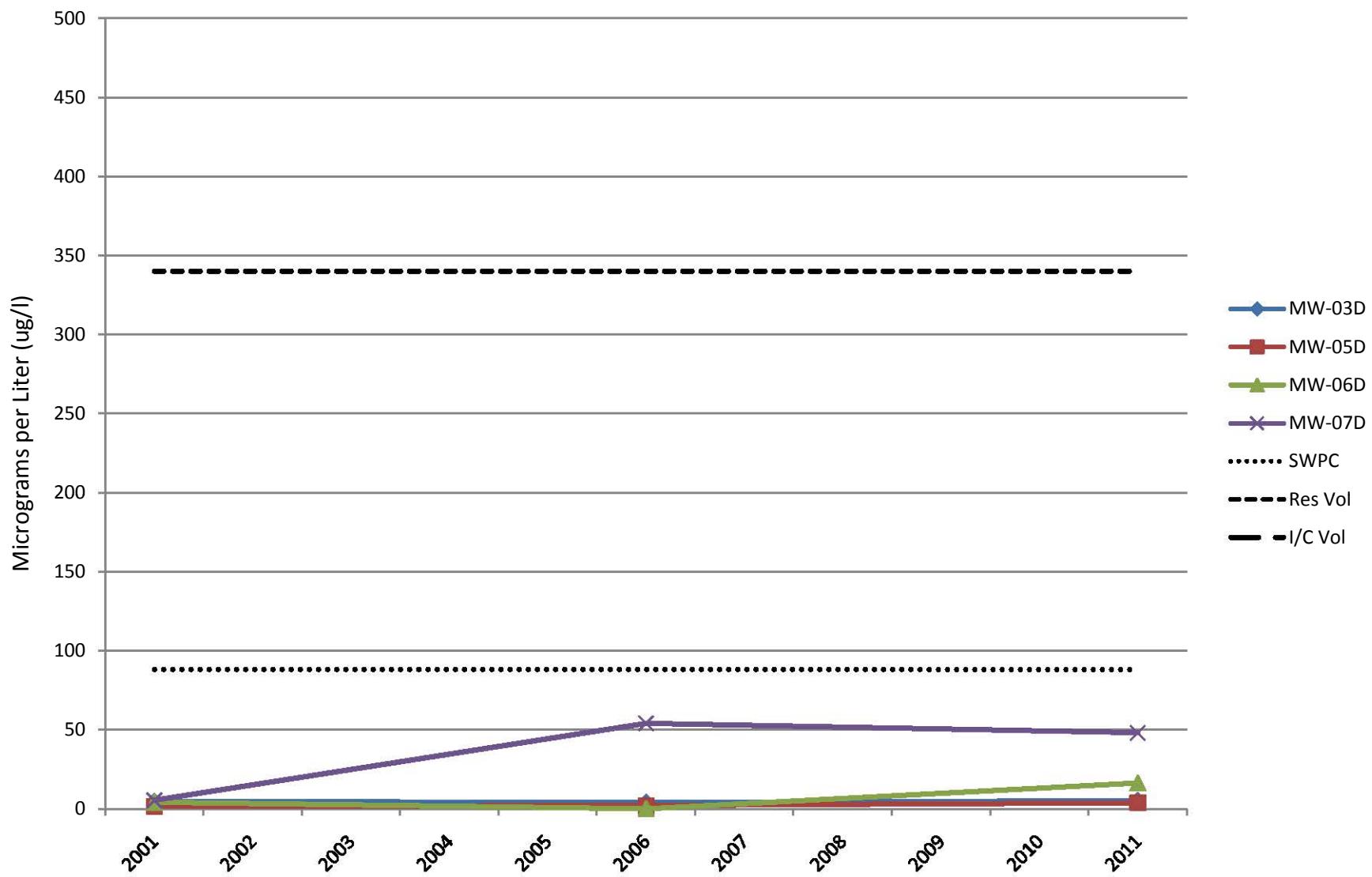
Graph 12 - 1,1-Dichloroethene (1,1-DCE) In Deep Wells

Surface Water Protection Criteria (SWPC) = 96 ug/l
Residential Volatilization Criteria (Res Vol) = 190 ug/l
Industrial/Commercial Volatilization Criteria (I/C Vol = 920 ug/l



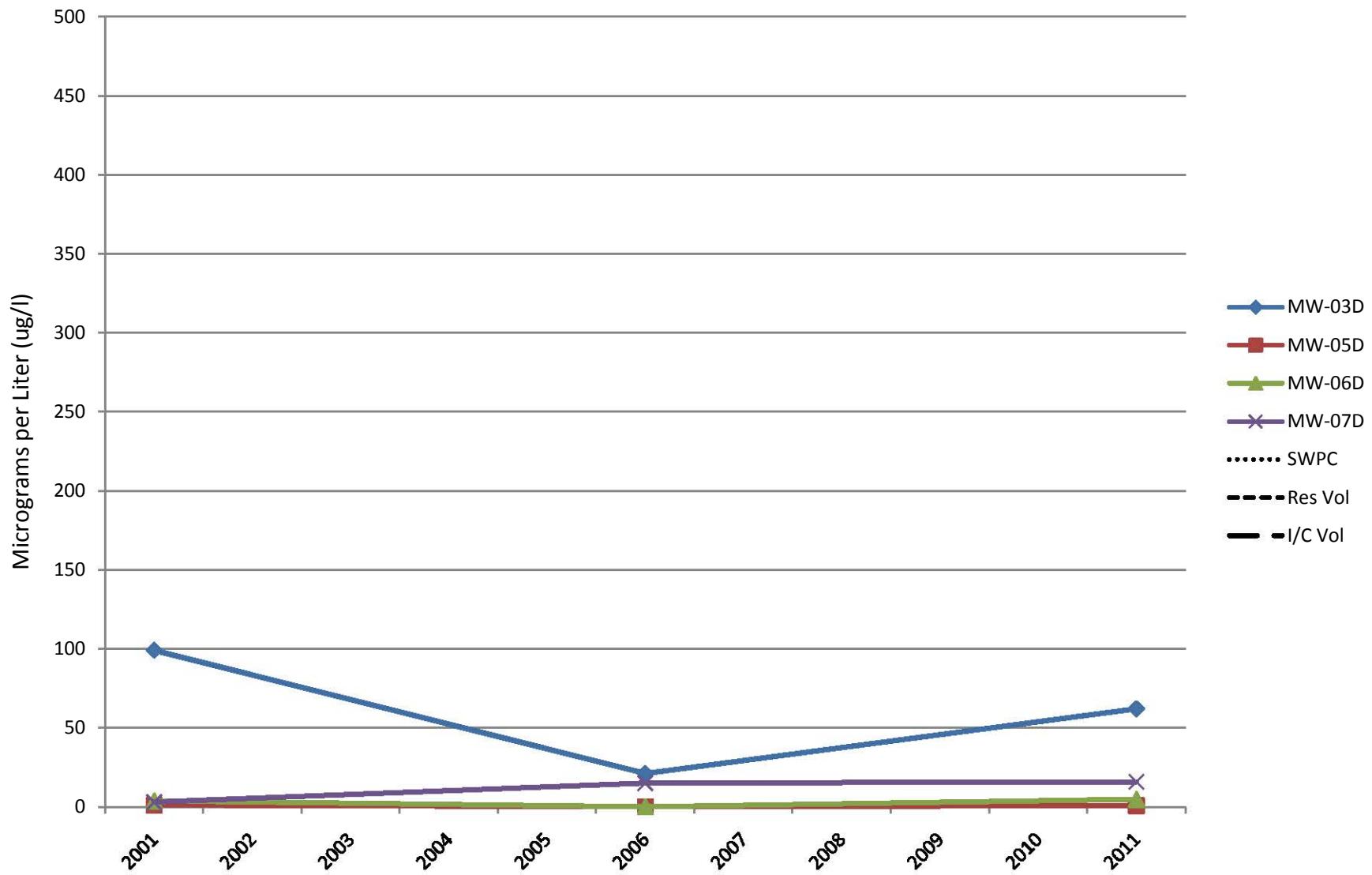
Graph 13 - Tetrachloroethene (PCE) In Deep Wells

Surface Water Protection Criteria (SWPC) = 88 ug/l
Residential Volatilization Criteria (Res Vol) = 340 ug/l
Industrial/Commercial Volatilization Criteria (I/C Vol) = 810 ug/l



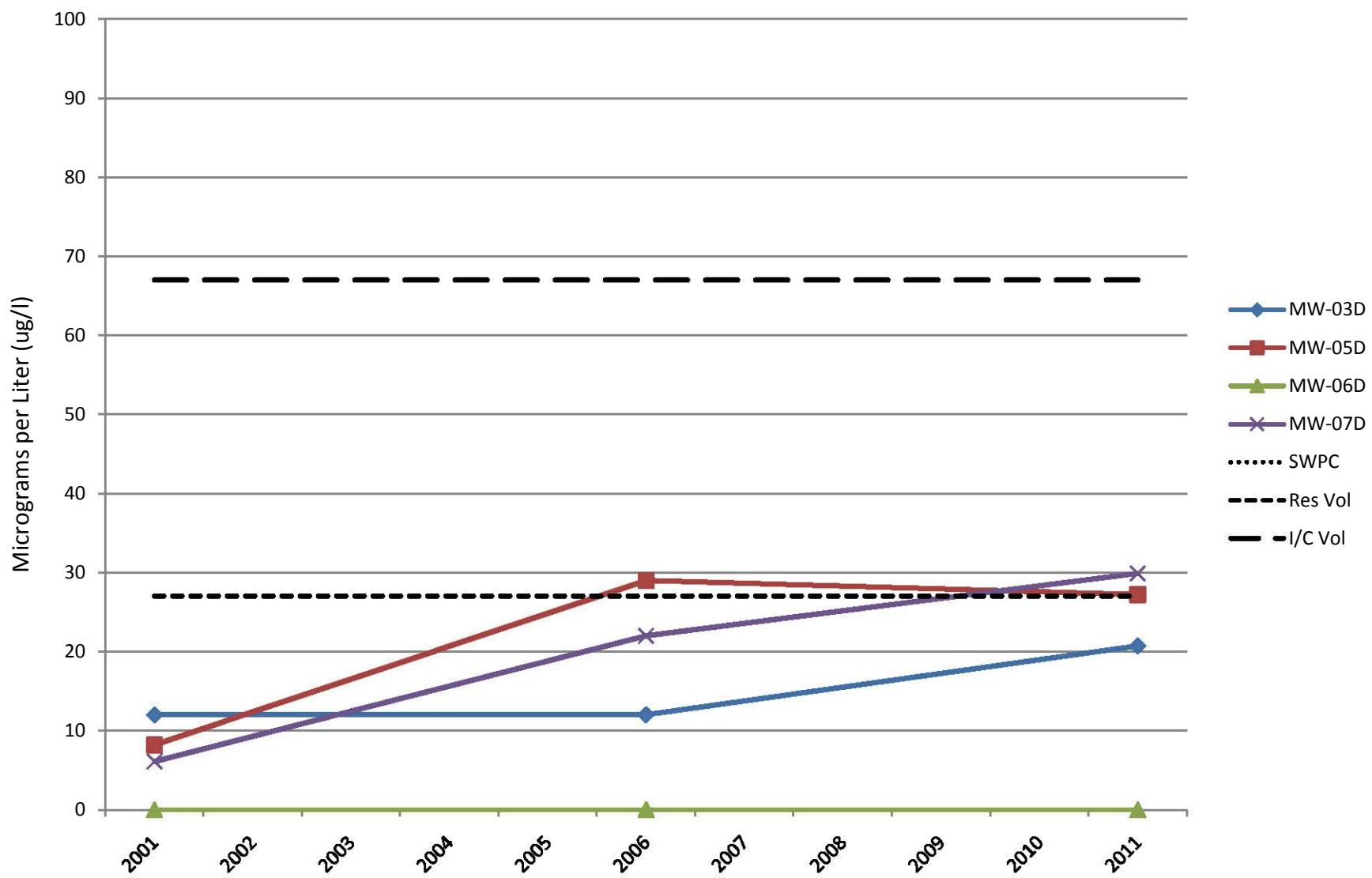
Graph 14 - 1,1,1-Trichloroethane (1,1,1-TCA) In Deep Wells

Surface Water Protection Criteria (SWPC) = 62,000 ug/l
Residential Volatilization Criteria (Res Vol) = 6,500 ug/l
Industrial/Commercial Volatilization Criteria (I/C Vol) = 16,000 ug/l



Graph 15 - Trichloroethene (TCE) In Deep Wells

Surface Water Protection Criteria (SWPC) = 2,340 ug/l
Residential Volatilization Criteria (Res Vol) = 27 ug/l
Industrial/Commercial Volatilization Criteria (I/C Vol) = 67 ug/l



*Mr. William Maley, Jr.
Trans-Lite, Inc., 120 Wampus Lane, Milford, Connecticut 06460
MACTEC Project 3610110095*

March 3, 2011

LABORTORY REPORT

January 31, 2011

MACTEC Engineering & Consulting
1090 Elm Street
Suite 201
Rocky Hill, CT 06067

Attn: Mr. Jon Yeich

Please find attached laboratory report(s) for the samples submitted on:
January 20, 2011.

All pertinent information for this analysis is located on the report. Should it be necessary to contact us regarding billing or the test results, please have the following information readily available:

Lab No. : 0111203
PO/Job No. : 201100766
Invoice No. : 168262
Customer No. : 2410

Please contact us if you have any questions.

Very truly yours,



Stephen J. Franco
Laboratory Director
PH-0547



STEPHEN J. FRANCO
Laboratory Director
PHONE ■ 203/634-3731
www.ctl-web.com / ctestlab@erols.com
165 GRACEY AVENUE ■ MERIDEN, CT ■ 06451

**REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM**

Laboratory Name:	<u>Connecticut Testing Lab's, Inc.</u>	Client:	<u>MACTEC Engineering & Consulting</u>
Project Location:		Project Number:	<u>Trans-Lite, Inc.</u>
Laboratory Sample Id(s):	<u>677-690</u>	Sampling Date(s):	<u>1/17, 1/19 & 1/20/11</u>
List RCP Method(s) Used:	<u>8260</u>	CTL Lab #:	<u>0111203</u>

Reactivation Date Reactivated:

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1A	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1B	<i>VPH and EPH Methods only:</i> Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3	Were samples received at an appropriate temperature (<6° C°)? <input checked="" type="checkbox"/> Iced <input type="checkbox"/> No Ice	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
4	Was all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence." This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: _____
Printed Name: Stephen J. Franco

Position: Lab Director PH-0547
Date: 1/28/11

Name of Laboratory: Connecticut Testing Laboratories, Inc.

CASE NARRATIVE

Connecticut Testing Laboratories, Inc.

Prepared for:

MACTEC Engineering & Consulting
1080 Elm Street Suite 202
Rocky Hill, CT 06064

Order#: 0111203

Project: Trans-Lite, Inc.

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

SAMPLE ID	LAB ID	MATRIX	Date Collected	Date Received
MW-01I	677	WATER	01/20/2011	01/20/2011
MW-02I	678	WATER	01/19/2011	01/20/2011
MW-03D	679	WATER	01/19/2011	01/20/2011
MW-04I	680	WATER	01/19/2011	01/20/2011
MW-05S	681	WATER	01/17/2011	01/20/2011
MW-05I	682	WATER	01/17/2011	01/20/2011
MW-05D	683	WATER	01/17/2011	01/20/2011
MW-06S	684	WATER	01/19/2011	01/20/2011
MW-06I	685	WATER	01/19/2011	01/20/2011
MW-06D	686	WATER	01/19/2011	01/20/2011
MW-07S	687	WATER	01/20/2011	01/20/2011
MW-07I	688	WATER	01/20/2011	01/20/2011
MW-07D	689	WATER	01/20/2011	01/20/2011
Trip Blank	690	WATER	-	01/20/2011

CTL sample nos. 678, 679, 687 & 688 were diluted for VOCs since some analytes were detected at concentrations above the calibration range. Results from the original runs were used for all analytes except those above the curve, for which results were taken from the diluted aliquot runs.

VOC anomalies are noted in the RCP DQA summary tables attached to this report.

The enclosed results of analyses are representative of the samples as received by the laboratory. Connecticut Testing Laboratories, Inc. makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receipt of samples. To the best of my knowledge, the information contained in this report is accurate and complete.

Approved By:


Date: 1/28/11

Connecticut Testing Laboratories, Inc.

Date Samples Received: 01/20/2011

Client Name:	MACTEC Engineering & Consulting	CTL Lab No.:	0111203
Report Date:	01/28/2011	PO No:	Trans-Lite, Inc.
Method #:	8260B/5030	Analyst:	SJF

RESULTS OF ANALYSIS

EPA 8260B Volatile Organics RCP

Matrix Type:		WATER	WATER	WATER	WATER
CTL Sample No.:		677	678	679	680
Field ID:		MW-01I	MW-02I	MW-03D	MW-04I
Date Analyzed:		01/25/2011	01/25/2011	01/25/2011	01/25/2011
Date Extracted:		01/25/2011	01/25/2011	01/25/2011	01/25/2011

Parameters	Units	RL				
Dichlorodifluoromethane	ug/L	0.5	ND	ND	ND	ND
Chloromethane	ug/L	0.5	ND	ND	ND	ND
Vinyl chloride	ug/L	0.5	ND	ND	ND	ND
Bromomethane	ug/L	0.5	ND	ND	ND	ND
Chloroethane	ug/L	0.5	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	0.5	ND	ND	ND	ND
Trichlorotrifluoroethane	ug/L	0.5	ND	ND	ND	ND
Acetone	ug/L	5.0	ND	ND	ND	ND
1,1-Dichloroethylene	ug/L	0.5	104.0	1,770.0	498.0	52.0
Methylene chloride	ug/L	0.5	ND	ND	ND	ND
Methyl tert-butyl ether (MTBE)	ug/L	0.5	ND	ND	ND	ND
Carbon disulfide	ug/L	0.5	ND	ND	ND	ND
Acrylonitrile	µg/L	0.5	ND	ND	ND	ND
trans-1,2-Dichloroethylene	ug/L	0.5	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	0.5	ND	13.8	5.0	1.0
Methyl ethyl ketone	ug/L	5.0	ND	ND	ND	ND
2,2-Dichloropropane	ug/L	0.5	ND	ND	ND	ND
cis-1,2-Dichloroethylene	ug/L	0.5	ND	ND	ND	ND
Tetrahydrofuran	ug/L	5.0	ND	ND	ND	ND
Chloroform	ug/L	0.5	2.3	21.5	4.3	3.9
Bromochloromethane	ug/L	0.5	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	0.5	186.0	13,300.0	62.0	40.8
1,1-Dichloropropylene	ug/L	0.5	ND	ND	ND	ND
Carbon tetrachloride	ug/L	0.5	0.6	ND	2.7	3.9
Benzene	ug/L	0.5	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	0.5	ND	ND	4.7	1.0
Trichloroethylene	ug/L	0.5	4.0	91.5	20.7	9.1
1,2-Dichloropropane	ug/L	0.5	ND	ND	ND	ND
Bromodichloromethane	ug/L	0.5	ND	2.0	ND	ND
Dibromomethane	ug/L	0.5	ND	ND	ND	ND
MIBK	ug/L	5.0	ND	ND	ND	ND
cis-1,3-Dichloropropylene	ug/L	0.5	ND	ND	ND	ND
Toluene	ug/L	0.5	ND	60.3	2.2	ND
trans-1,3-Dichloropropylene	ug/L	0.5	ND	ND	ND	ND

RL=Reporting Level ND = None Detected

**Connecticut Testing Laboratories, Inc.
165 Gracey Avenue / Meriden, CT 06451
(203) 634-3731 (Fax) 630-1336
Certification CT-PH0547 / MA-CT035**

Date Samples Received: 01/20/2011

Client Name:	MACTEC Engineering & Consulting	CTL Lab No.:	0111203
Report Date:	01/28/2011	PO No:	Trans-Lite, Inc.
Method #:	8260B/5030	Analyst:	SJF

RESULTS OF ANALYSIS

EPA 8260B Volatile Organics RCP

Matrix Type:		WATER	WATER	WATER	WATER
CTL Sample No.:		677	678	679	680
Field ID:		MW-01I	MW-02I	MW-03D	MW-04I
Date Analyzed:		01/25/2011	01/25/2011	01/25/2011	01/25/2011
Date Extracted:		01/25/2011	01/25/2011	01/25/2011	01/25/2011

Parameters	Units	RL				
1,1,2-Trichloroethane	ug/L	0.5	ND	ND	ND	ND
Methyl butyl ketone	ug/L	5.0	ND	ND	ND	ND
Tetrachloroethylene	ug/L	0.5	2.0	8,900.0	5.0	6.2
1,3-Dichloropropane	ug/L	0.5	ND	ND	ND	ND
Dibromochloromethane	ug/L	0.5	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.5	ND	ND	ND	ND
Chlorobenzene	ug/L	0.5	ND	ND	ND	ND
Ethyl Benzene	ug/L	0.5	ND	2.0	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	0.5	ND	5.7	ND	ND
p/m-Xylene	ug/L	0.5	ND	9.2	ND	ND
o-Xylene	ug/L	0.5	ND	3.7	ND	ND
Styrene	ug/L	0.5	ND	ND	ND	ND
Bromoform	ug/L	0.5	ND	ND	ND	ND
Isopropylbenzene	ug/L	0.5	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	0.5	ND	ND	ND	ND
Bromobenzene	ug/L	0.5	ND	ND	ND	ND
n-Propylbenzene	ug/L	0.5	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	0.5	ND	ND	ND	ND
2-Chlorotoluene	ug/L	0.5	ND	ND	ND	ND
1,2,4-Trimethylbenzene	ug/L	0.5	ND	ND	ND	ND
t-1,4-Dichloro-2-butene	ug/L	0.5	ND	ND	ND	ND
4-Chlorotoluene	ug/L	0.5	ND	ND	ND	ND
tert-Butylbenzene	ug/L	0.5	ND	ND	ND	ND
1,3,5-Trimethylbenzene	ug/L	0.5	ND	0.5	ND	ND
p-Isopropyltoluene	ug/L	0.5	ND	ND	ND	ND
1,3-Dichlorobenzene	ug/L	0.5	ND	ND	ND	ND
sec-Butylbenzene	ug/L	0.5	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	0.5	ND	ND	ND	ND
n-Butylbenzene	ug/L	0.5	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	0.5	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.5	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ug/L	0.5	ND	ND	ND	ND
Hexachlorobutadiene	ug/L	0.45	ND	ND	ND	ND
Naphthalene	ug/L	0.5	ND	1.8	ND	ND

RL=Reporting Level ND = None Detected

**Connecticut Testing Laboratories, Inc.
165 Gracey Avenue / Meriden, CT 06451
(203) 634-3731 (Fax) 630-1336
Certification CT-PH0547 / MA-CT035**

Date Samples Received: 01/20/2011

Client Name:	MACTEC Engineering & Consulting	CTL Lab No.:	0111203
Report Date:	01/28/2011	PO No:	Trans-Lite, Inc.
Method #:	8260B/5030	Analyst:	SJF

RESULTS OF ANALYSIS

EPA 8260B Volatile Organics RCP

Matrix Type:	WATER	WATER	WATER	WATER
CTL Sample No.:	677	678	679	680
Field ID:	MW-01I	MW-02I	MW-03D	MW-04I
Date Analyzed:	01/25/2011	01/25/2011	01/25/2011	01/25/2011
Date Extracted:	01/25/2011	01/25/2011	01/25/2011	01/25/2011

Parameters	Units	RL				
1,2,3-Trichlorobenzene	ug/L	0.5	ND	ND	ND	ND
1,2-Dichloroethane-d4	%	----	78	111	74	81
Toluene-d8	%	----	90	111	95	96
4-Bromofluorobenzene	%	----	109	128	108	105

RL=Reporting Level ND = None Detected

Connecticut Testing Laboratories, Inc.
165 Gracey Avenue / Meriden, CT 06451
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Certification CT-PH0547 / MA-CT035

Date Samples Received: 01/20/2011

Client Name:	MACTEC Engineering & Consulting	CTL Lab No.:	0111203
Report Date:	01/28/2011	PO No:	Trans-Lite, Inc.
Method #:	8260B/5030	Analyst:	SJF

RESULTS OF ANALYSIS

EPA 8260B Volatile Organics RCP

Matrix Type:	WATER	WATER	WATER	WATER
CTL Sample No.:	681	682	683	684
Field ID:	MW-05S	MW-05I	MW-05D	MW-06S
Date Analyzed:	01/26/2011	01/25/2011	01/26/2011	01/26/2011
Date Extracted:	01/26/2011	01/25/2011	01/26/2011	01/26/2011

Parameters	Units	RL				
Dichlorodifluoromethane	ug/L	0.5	ND	ND	ND	ND
Chloromethane	ug/L	0.5	ND	ND	ND	ND
Vinyl chloride	ug/L	0.5	ND	ND	ND	ND
Bromomethane	ug/L	0.5	ND	ND	ND	ND
Chloroethane	ug/L	0.5	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	0.5	ND	ND	ND	ND
Trichlorotrifluoroethane	ug/L	0.5	ND	ND	ND	ND
Acetone	ug/L	5.0	ND	ND	ND	ND
1,1-Dichloroethylene	ug/L	0.5	ND	ND	1.5	0.7
Methylene chloride	ug/L	0.5	ND	ND	ND	ND
Methyl tert-butyl ether (MTBE)	ug/L	0.5	ND	ND	ND	ND
Carbon disulfide	ug/L	0.5	ND	ND	ND	ND
Acrylonitrile	ug/L	0.5	ND	ND	ND	ND
trans-1,2-Dichloroethylene	ug/L	0.5	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	0.5	ND	ND	ND	ND
Methyl ethyl ketone	ug/L	5.0	ND	ND	ND	ND
2,2-Dichloropropane	ug/L	0.5	ND	ND	ND	ND
cis-1,2-Dichloroethylene	ug/L	0.5	ND	ND	ND	2.4
Tetrahydrofuran	ug/L	5.0	ND	ND	ND	ND
Chloroform	ug/L	0.5	ND	5.1	11.1	ND
Bromochloromethane	ug/L	0.5	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	0.5	ND	0.6	0.8	ND
1,1-Dichloropropylene	ug/L	0.5	ND	ND	ND	ND
Carbon tetrachloride	ug/L	0.5	ND	9.5	0.5	ND
Benzene	ug/L	0.5	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	0.5	ND	ND	ND	ND
Trichloroethylene	ug/L	0.5	ND	29.5	27.2	3.8
1,2-Dichloropropane	ug/L	0.5	ND	ND	ND	ND
Bromodichloromethane	ug/L	0.5	ND	ND	ND	ND
Dibromomethane	ug/L	0.5	ND	ND	ND	ND
MIBK	ug/L	5.0	ND	ND	ND	ND
cis-1,3-Dichloropropylene	ug/L	0.5	ND	ND	ND	ND
Toluene	ug/L	0.5	ND	ND	ND	ND
trans-1,3-Dichloropropylene	ug/L	0.5	ND	ND	ND	ND

RL=Reporting Level ND = None Detected

**Connecticut Testing Laboratories, Inc.
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Certification CT-PH0547 / MA-CT035**

Date Samples Received: 01/20/2011

Client Name:	MACTEC Engineering & Consulting	CTL Lab No.:	0111203
Report Date:	01/28/2011	PO No:	Trans-Lite, Inc.
Method #:	8260B/5030	Analyst:	SJF

RESULTS OF ANALYSIS

EPA 8260B Volatile Organics RCP

Matrix Type:	WATER	WATER	WATER	WATER
CTL Sample No.:	681	682	683	684
Field ID:	MW-05S	MW-05I	MW-05D	MW-06S
Date Analyzed:	01/26/2011	01/25/2011	01/26/2011	01/26/2011
Date Extracted:	01/26/2011	01/25/2011	01/26/2011	01/26/2011

Parameters	Units	RL				
1,1,2-Trichloroethane	ug/L	0.5	ND	ND	ND	ND
Methyl butyl ketone	ug/L	5.0	ND	ND	ND	ND
Tetrachloroethylene	ug/L	0.5	ND	4.7	3.7	5.5
1,3-Dichloropropane	ug/L	0.5	ND	ND	ND	ND
Dibromochloromethane	ug/L	0.5	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.5	ND	ND	ND	ND
Chlorobenzene	ug/L	0.5	ND	ND	ND	ND
Ethyl Benzene	ug/L	0.5	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	0.5	ND	ND	ND	ND
p/m-Xylene	ug/L	0.5	ND	ND	ND	ND
o-Xylene	ug/L	0.5	ND	ND	ND	ND
Styrene	ug/L	0.5	ND	ND	ND	ND
Bromoform	ug/L	0.5	ND	ND	ND	ND
Isopropylbenzene	ug/L	0.5	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	0.5	ND	ND	ND	ND
Bromobenzene	ug/L	0.5	ND	ND	ND	ND
n-Propylbenzene	ug/L	0.5	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	0.5	ND	ND	ND	ND
2-Chlorotoluene	ug/L	0.5	ND	ND	ND	ND
1,2,4-Trimethylbenzene	ug/L	0.5	ND	ND	ND	ND
t-1,4-Dichloro-2-butene	ug/L	0.5	ND	ND	ND	ND
4-Chlorotoluene	ug/L	0.5	ND	ND	ND	ND
tert-Butylbenzene	ug/L	0.5	ND	ND	ND	ND
1,3,5-Trimethylbenzene	ug/L	0.5	ND	ND	ND	ND
p-Isopropyltoluene	ug/L	0.5	ND	ND	ND	ND
1,3-Dichlorobenzene	ug/L	0.5	ND	ND	ND	ND
sec-Butylbenzene	ug/L	0.5	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	0.5	ND	ND	ND	ND
n-Butylbenzene	ug/L	0.5	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	0.5	ND	ND	ND	0.7
1,2-Dibromo-3-chloropropane	ug/L	0.5	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ug/L	0.5	ND	ND	ND	ND
Hexachlorobutadiene	ug/L	0.45	ND	ND	ND	ND
Naphthalene	ug/L	0.5	ND	ND	ND	ND

RL=Reporting Level ND = None Detected

Connecticut Testing Laboratories, Inc.
165 Gracey Avenue / Meriden, CT 06451
(203) 634-3731 (Fax) 630-1336
Certification CT-PH0547 / MA-CT035

Date Samples Received: 01/20/2011

Client Name:	MACTEC Engineering & Consulting	CTL Lab No.:	0111203
Report Date:	01/28/2011	PO No:	Trans-Lite, Inc.
Method #:	8260B/5030	Analyst:	SJF

RESULTS OF ANALYSIS

EPA 8260B Volatile Organics RCP

Matrix Type:	WATER	WATER	WATER	WATER
CTL Sample No.:	681	682	683	684
Field ID:	MW-05S	MW-05I	MW-05D	MW-06S
Date Analyzed:	01/26/2011	01/25/2011	01/26/2011	01/26/2011
Date Extracted:	01/26/2011	01/25/2011	01/26/2011	01/26/2011

Parameters	Units	RL				
1,2,3-Trichlorobenzene	ug/L	0.5	ND	ND	ND	ND
1,2-Dichloroethane-d4	%	----	78	84	84	81
Toluene-d8	%	----	89	91	94	90
4-Bromofluorobenzene	%	----	108	110	107	105

RL=Reporting Level ND = None Detected

Connecticut Testing Laboratories, Inc.
165 Gracey Avenue / Meriden, CT 06451
(203) 634-3731 (Fax) 630-1336
Certification CT-PH0547 / MA-CT035

Date Samples Received: 01/20/2011

Client Name:	MACTEC Engineering & Consulting	CTL Lab No.:	0111203
Report Date:	01/28/2011	PO No:	Trans-Lite, Inc.
Method #:	8260B/5030	Analyst:	SJF

RESULTS OF ANALYSIS

EPA 8260B Volatile Organics RCP

Matrix Type:	WATER	WATER	WATER	WATER
CTL Sample No.:	685	686	687	688
Field ID:	MW-06I	MW-06D	MW-07S	MW-07I
Date Analyzed:	01/26/2011	01/26/2011	01/26/2011	01/26/2011
Date Extracted:	01/26/2011	01/26/2011	01/26/2011	01/26/2011

Parameters	Units	RL				
Dichlorodifluoromethane	ug/L	0.5	ND	ND	ND	ND
Chloromethane	ug/L	0.5	ND	ND	ND	ND
Vinyl chloride	ug/L	0.5	ND	ND	3.0	ND
Bromomethane	ug/L	0.5	ND	ND	ND	ND
Chloroethane	ug/L	0.5	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	0.5	ND	ND	ND	ND
Trichlorotrifluoroethane	ug/L	0.5	ND	ND	ND	ND
Acetone	ug/L	5.0	ND	ND	ND	ND
1,1-Dichloroethylene	ug/L	0.5	2.6	6.0	130.0	347.0
Methylene chloride	ug/L	0.5	41.1	1.4	ND	ND
Methyl tert-butyl ether (MTBE)	ug/L	0.5	ND	ND	ND	ND
Carbon disulfide	ug/L	0.5	ND	ND	ND	ND
Acrylonitrile	ug/L	0.5	ND	ND	ND	ND
trans-1,2-Dichloroethylene	ug/L	0.5	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	0.5	2.2	4.1	5.1	9.3
Methyl ethyl ketone	ug/L	5.0	ND	ND	ND	ND
2,2-Dichloropropane	ug/L	0.5	ND	ND	ND	ND
cis-1,2-Dichloroethylene	ug/L	0.5	ND	ND	7.1	2.8
Tetrahydrofuran	ug/L	5.0	ND	ND	ND	ND
Chloroform	ug/L	0.5	3.5	2.2	1.8	7.7
Bromochloromethane	ug/L	0.5	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	0.5	8.3	4.7	25.3	65.4
1,1-Dichloropropylene	ug/L	0.5	ND	ND	ND	ND
Carbon tetrachloride	ug/L	0.5	ND	ND	ND	28.3
Benzene	ug/L	0.5	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	0.5	ND	ND	1.8	6.4
Trichloroethylene	ug/L	0.5	ND	ND	17.2	21.4
1,2-Dichloropropane	ug/L	0.5	ND	ND	ND	ND
Bromodichloromethane	ug/L	0.5	ND	ND	ND	ND
Dibromomethane	ug/L	0.5	ND	ND	ND	ND
MIBK	ug/L	5.0	ND	ND	ND	ND
cis-1,3-Dichloropropylene	ug/L	0.5	ND	ND	ND	ND
Toluene	ug/L	0.5	ND	ND	ND	ND
trans-1,3-Dichloropropylene	ug/L	0.5	ND	ND	ND	ND

RL=Reporting Level ND = None Detected

**Connecticut Testing Laboratories, Inc.
165 Gracy Avenue / Meriden, CT 06451
(203) 634-3731 (Fax) 630-1336
Certification CT-PH0547 / MA-CT035**

Date Samples Received: 01/20/2011

Client Name:	MACTEC Engineering & Consulting	CTL Lab No.:	0111203
Report Date:	01/28/2011	PO No:	Trans-Lite, Inc.
Method #:	8260B/5030	Analyst:	SJF

RESULTS OF ANALYSIS

EPA 8260B Volatile Organics RCP

Matrix Type:	WATER	WATER	WATER	WATER
CTL Sample No.:	685	686	687	688
Field ID:	MW-06I	MW-06D	MW-07S	MW-07I
Date Analyzed:	01/26/2011	01/26/2011	01/26/2011	01/26/2011
Date Extracted:	01/26/2011	01/26/2011	01/26/2011	01/26/2011

Parameters	Units	RL				
1,1,2-Trichloroethane	ug/L	0.5	ND	ND	ND	1.3
Methyl butyl ketone	ug/L	5.0	ND	ND	ND	ND
Tetrachloroethylene	ug/L	0.5	2.5	16.2	393.0	566.0
1,3-Dichloropropane	ug/L	0.5	ND	ND	ND	ND
Dibromochloromethane	ug/L	0.5	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.5	ND	ND	ND	ND
Chlorobenzene	ug/L	0.5	ND	ND	ND	ND
Ethyl Benzene	ug/L	0.5	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	0.5	ND	ND	ND	0.5
p/m-Xylene	ug/L	0.5	7.1	0.7	ND	ND
o-Xylene	ug/L	0.5	9.4	0.6	ND	ND
Styrene	ug/L	0.5	ND	ND	ND	ND
Bromoform	ug/L	0.5	ND	ND	ND	ND
Isopropylbenzene	ug/L	0.5	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	0.5	ND	ND	ND	ND
Bromobenzene	ug/L	0.5	ND	ND	ND	ND
n-Propylbenzene	ug/L	0.5	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	0.5	ND	ND	ND	ND
2-Chlorotoluene	ug/L	0.5	ND	ND	ND	ND
1,2,4-Trimethylbenzene	ug/L	0.5	1.3	ND	ND	ND
t-1,4-Dichloro-2-butene	ug/L	0.5	ND	ND	ND	ND
4-Chlorotoluene	ug/L	0.5	ND	ND	ND	ND
tert-Butylbenzene	ug/L	0.5	ND	ND	ND	ND
1,3,5-Trimethylbenzene	ug/L	0.5	0.6	ND	ND	ND
p-Isopropyltoluene	ug/L	0.5	ND	ND	ND	ND
1,3-Dichlorobenzene	ug/L	0.5	ND	ND	ND	ND
sec-Butylbenzene	ug/L	0.5	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	0.5	ND	0.6	ND	ND
n-Butylbenzene	ug/L	0.5	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	0.5	1.0	5.8	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.5	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ug/L	0.5	ND	ND	ND	ND
Hexachlorobutadiene	ug/L	0.45	ND	ND	ND	ND
Naphthalene	ug/L	0.5	ND	ND	ND	ND

RL=Reporting Level ND = None Detected

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Certification CT-PH0547 / MA-CT035

Date Samples Received: 01/20/2011

Client Name:	MACTEC Engineering & Consulting	CTL Lab No.:	0111203
Report Date:	01/28/2011	PO No:	Trans-Lite, Inc.
Method #:	8260B/5030	Analyst:	SJF

RESULTS OF ANALYSIS

EPA 8260B Volatile Organics RCP

Matrix Type:	WATER	WATER	WATER	WATER
CTL Sample No.:	685	686	687	688
Field ID:	MW-06I	MW-06D	MW-07S	MW-07I
Date Analyzed:	01/26/2011	01/26/2011	01/26/2011	01/26/2011
Date Extracted:	01/26/2011	01/26/2011	01/26/2011	01/26/2011

Parameters	Units	RL				
1,2,3-Trichlorobenzene	ug/L	0.5	ND	ND	ND	ND
1,2-Dichloroethane-d4	%	----	73	75	82	74
Toluene-d8	%	----	87	89	93	91
4-Bromofluorobenzene	%	----	101	110	107	111

RL=Reporting Level ND = None Detected

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Certification CT-PH0547 / MA-CT035

Date Samples Received: 01/20/2011

Client Name:	MACTEC Engineering & Consulting	CTL Lab No.:	0111203
Report Date:	01/28/2011	PO No:	Trans-Lite, Inc.
Method #:	8260B/5030	Analyst:	SJF

RESULTS OF ANALYSIS

EPA 8260B Volatile Organics RCP

Matrix Type:	WATER	WATER
CTL Sample No.:	689	690
Field ID:	MW-07D	Trip Blank
Date Analyzed:	01/26/2011	01/25/2011
Date Extracted:	01/26/2011	01/25/2011

Parameters	Units	RL				
Dichlorodifluoromethane	ug/L	0.5	ND	ND		
Chloromethane	ug/L	0.5	ND	ND		
Vinyl chloride	ug/L	0.5	ND	ND		
Bromomethane	ug/L	0.5	ND	ND		
Chloroethane	ug/L	0.5	ND	ND		
Trichlorofluoromethane	ug/L	0.5	ND	ND		
Trichlorotrifluoroethane	ug/L	0.5	ND	ND		
Acetone	ug/L	5.0	ND	ND		
1,1-Dichloroethylene	ug/L	0.5	83.7	ND		
Methylene chloride	ug/L	0.5	ND	ND		
Methyl tert-butyl ether (MTBE)	ug/L	0.5	ND	ND		
Carbon disulfide	ug/L	0.5	ND	ND		
Acrylonitrile	μg/L	0.5	ND	ND		
trans-1,2-Dichloroethylene	ug/L	0.5	ND	ND		
1,1-Dichloroethane	ug/L	0.5	1.9	ND		
Methyl ethyl ketone	ug/L	5.0	ND	ND		
2,2-Dichloropropane	ug/L	0.5	ND	ND		
cis-1,2-Dichloroethylene	ug/L	0.5	0.5	ND		
Tetrahydrofuran	ug/L	5.0	ND	ND		
Chloroform	ug/L	0.5	30.3	ND		
Bromochloromethane	ug/L	0.5	ND	ND		
1,1,1-Trichloroethane	ug/L	0.5	15.8	ND		
1,1-Dichloropropylene	ug/L	0.5	ND	ND		
Carbon tetrachloride	ug/L	0.5	83.0	ND		
Benzene	ug/L	0.5	ND	ND		
1,2-Dichloroethane	ug/L	0.5	1.5	ND		
Trichloroethylene	ug/L	0.5	29.9	ND		
1,2-Dichloropropane	ug/L	0.5	ND	ND		
Bromodichloromethane	ug/L	0.5	ND	ND		
Dibromomethane	ug/L	0.5	ND	ND		
MIBK	ug/L	5.0	ND	ND		
cis-1,3-Dichloropropylene	ug/L	0.5	ND	ND		
Toluene	ug/L	0.5	ND	ND		
trans-1,3-Dichloropropylene	ug/L	0.5	ND	ND		

RL=Reporting Level ND = None Detected

Connecticut Testing Laboratories, Inc.
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Certification CT-PH0547 / MA-CT035

Date Samples Received: 01/20/2011

Client Name:	MACTEC Engineering & Consulting	CTL Lab No.:	0111203
Report Date:	01/28/2011	PO No:	Trans-Lite, Inc.
Method #:	8260B/5030	Analyst:	SJF

RESULTS OF ANALYSIS

EPA 8260B Volatile Organics RCP

Matrix Type:		WATER	WATER
CTL Sample No.:		689	690
Field ID:		MW-07D	Trip Blank
Date Analyzed:		01/26/2011	01/25/2011
Date Extracted:		01/26/2011	01/25/2011

Parameters	Units	RL				
1,1,2-Trichloroethane	ug/L	0.5	ND	ND		
Methyl butyl ketone	ug/L	5.0	ND	ND		
Tetrachloroethylene	ug/L	0.5	48.0	ND		
1,3-Dichloropropane	ug/L	0.5	ND	ND		
Dibromochloromethane	ug/L	0.5	ND	ND		
1,2-Dibromoethane	ug/L	0.5	ND	ND		
Chlorobenzene	ug/L	0.5	ND	ND		
Ethyl Benzene	ug/L	0.5	ND	ND		
1,1,1,2-Tetrachloroethane	ug/L	0.5	ND	ND		
p/m-Xylene	ug/L	0.5	ND	ND		
o-Xylene	ug/L	0.5	ND	ND		
Styrene	ug/L	0.5	ND	ND		
Bromoform	ug/L	0.5	ND	ND		
Isopropylbenzene	ug/L	0.5	ND	ND		
1,1,2,2-Tetrachloroethane	ug/L	0.5	ND	ND		
Bromobenzene	ug/L	0.5	ND	ND		
n-Propylbenzene	ug/L	0.5	ND	ND		
1,2,3-Trichloropropane	ug/L	0.5	ND	ND		
2-Chlorotoluene	ug/L	0.5	ND	ND		
1,2,4-Trimethylbenzene	ug/L	0.5	ND	ND		
t-1,4-Dichloro-2-butene	ug/L	0.5	ND	ND		
4-Chlorotoluene	ug/L	0.5	ND	ND		
tert-Butylbenzene	ug/L	0.5	ND	ND		
1,3,5-Trimethylbenzene	ug/L	0.5	ND	ND		
p-Isopropyltoluene	ug/L	0.5	ND	ND		
1,3-Dichlorobenzene	ug/L	0.5	ND	ND		
sec-Butylbenzene	ug/L	0.5	ND	ND		
1,4-Dichlorobenzene	ug/L	0.5	ND	ND		
n-Butylbenzene	ug/L	0.5	ND	ND		
1,2-Dichlorobenzene	ug/L	0.5	ND	ND		
1,2-Dibromo-3-chloropropane	ug/L	0.5	ND	ND		
1,2,4-Trichlorobenzene	ug/L	0.5	ND	ND		
Hexachlorobutadiene	ug/L	0.45	ND	ND		
Naphthalene	ug/L	0.5	ND	ND		

RL=Reporting Level ND = None Detected

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Certification CT-PH0547 / MA-CT035

Date Samples Received: 01/20/2011

Client Name:	MACTEC Engineering & Consulting	CTL Lab No.:	0111203
Report Date:	01/28/2011	PO No:	Trans-Lite, Inc.
Method #:	8260B/5030	Analyst:	SJF

RESULTS OF ANALYSIS

EPA 8260B Volatile Organics RCP

Matrix Type:	WATER	WATER
CTL Sample No.:	689	690
Field ID:	MW-07D	Trip Blank
Date Analyzed:	01/26/2011	01/25/2011
Date Extracted:	01/26/2011	01/25/2011

Parameters	Units	RL				
1,2,3-Trichlorobenzene	ug/L	0.5	ND	ND		
1,2-Dichloroethane-d4	%	----	76	81		
Toluene-d8	%	----	90	88		
4-Bromofluorobenzene	%	----	111	110		

RL=Reporting Level ND = None Detected

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Connecticut Testing Laboratories, Inc.

QUALITY CONTROL REPORT

EPA 8260B Volatile Organics RCP

Order#: 0111203

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Dichlorodifluoromethane-ug/L	0026660-02			ND		
Chloromethane-ug/L	0026660-02			ND		
Vinyl chloride-ug/L	0026660-02			ND		
Bromomethane-ug/L	0026660-02			ND		
Chloroethane-ug/L	0026660-02			ND		
Trichlorofluoromethane-ug/L	0026660-02			ND		
Trichlorotrifluoroethane-ug/L	0026660-02			ND		
Acetone-ug/L	0026660-02			ND		
1,1-Dichloroethylene-ug/L	0026660-02			ND		
Methylene chloride-ug/L	0026660-02			ND		
Methyl tert-butyl ether (MTBE)-ug/L	0026660-02			ND		
Carbon disulfide-ug/L	0026660-02			ND		
Acrylonitrile-ug/L	0026660-02			ND		
trans-1,2-Dichloroethylene-ug/L	0026660-02			ND		
1,1-Dichloroethane-ug/L	0026660-02			ND		
Methyl ethyl ketone-ug/L	0026660-02			ND		
2,2-Dichloropropane-ug/L	0026660-02			ND		
cis-1,2-Dichloroethylene-ug/L	0026660-02			ND		
Tetrahydrofuran-ug/L	0026660-02			ND		
Chloroform-ug/L	0026660-02			ND		
Bromoform-ug/L	0026660-02			ND		
Bromochloromethane-ug/L	0026660-02			ND		
1,1,1-Trichloroethane-ug/L	0026660-02			ND		
1,1-Dichloropropylene-ug/L	0026660-02			ND		
Carbon tetrachloride-ug/L	0026660-02			ND		
Benzene-ug/L	0026660-02			ND		
1,2-Dichloroethane-ug/L	0026660-02			ND		
Trichloroethylene-ug/L	0026660-02			ND		
1,2-Dichloropropane-ug/L	0026660-02			ND		
Bromodichloromethane-ug/L	0026660-02			ND		
Dibromomethane-ug/L	0026660-02			ND		
MIBK-ug/L	0026660-02			ND		
cis-1,3-Dichloropropylene-ug/L	0026660-02			ND		
Toluene-ug/L	0026660-02			ND		
trans-1,3-Dichloropropylene-ug/L	0026660-02			ND		
1,1,2-Trichloroethane-ug/L	0026660-02			ND		
Methyl butyl ketone-ug/L	0026660-02			ND		
Tetrachloroethylene-ug/L	0026660-02			ND		
1,3-Dichloropropane-ug/L	0026660-02			ND		
Dibromochloromethane-ug/L	0026660-02			ND		
1,2-Dibromoethane-ug/L	0026660-02			ND		

Connecticut Testing Laboratories, Inc.

QUALITY CONTROL REPORT

EPA 8260B Volatile Organics RCP

Order#: 0111203

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chlorobenzene-ug/L	0026660-02			ND		
Ethyl Benzene-ug/L	0026660-02			ND		
1,1,1,2-Tetrachloroethane-ug/L	0026660-02			ND		
p/m-Xylene-ug/L	0026660-02			ND		
o-Xylene-ug/L	0026660-02			ND		
Styrene-ug/L	0026660-02			ND		
Bromoform-ug/L	0026660-02			ND		
Isopropylbenzene-ug/L	0026660-02			ND		
1,1,2,2-Tetrachloroethane-ug/L	0026660-02			ND		
Bromobenzene-ug/L	0026660-02			ND		
n-Propylbenzene-ug/L	0026660-02			ND		
1,2,3-Trichloropropane-ug/L	0026660-02			ND		
2-Chlorotoluene-ug/L	0026660-02			ND		
1,2,4-Trimethylbenzene-ug/L	0026660-02			ND		
t-1,4-Dichloro-2-butene-ug/L	0026660-02			ND		
4-Chlorotoluene-ug/L	0026660-02			ND		
tert-Butylbenzene-ug/L	0026660-02			ND		
1,3,5-Trimethylbenzene-ug/L	0026660-02			ND		
p-Isopropyltoluene-ug/L	0026660-02			ND		
1,3-Dichlorobenzene-ug/L	0026660-02			ND		
sec-Butylbenzene-ug/L	0026660-02			ND		
1,4-Dichlorobenzene-ug/L	0026660-02			ND		
n-Butylbenzene-ug/L	0026660-02			ND		
1,2-Dichlorobenzene-ug/L	0026660-02			ND		
1,2-Dibromo-3-chloropropane-ug/L	0026660-02			ND		
1,2,4-Trichlorobenzene-ug/L	0026660-02			ND		
Hexachlorobutadiene-ug/L	0026660-02			ND		
Naphthalene-ug/L	0026660-02			ND		
1,2,3-Trichlorobenzene-ug/L	0026660-02			ND		
CONTROL WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Dichlorodifluoromethane-ug/L	0026660-03		48.0	30.0	62.5%	
Chloromethane-ug/L	0026660-03		48.0	59.0	122.9%	
Vinyl chloride-ug/L	0026660-03		48.0	55.0	114.6%	
Bromomethane-ug/L	0026660-03		48.0	57.0	118.8%	
Chloroethane-ug/L	0026660-03		48.0	61.0	127.1%	
Trichlorofluoromethane-ug/L	0026660-03		48.0	55.0	114.6%	
Trichlorotrifluoroethane-ug/L	0026660-03		48.0	40.0	83.3%	
Acetone-ug/L	0026660-03		48.0	44.0	91.7%	
1,1-Dichloroethylene-ug/L	0026660-03		48.0	42.0	87.5%	

Connecticut Testing Laboratories, Inc.

QUALITY CONTROL REPORT

EPA 8260B Volatile Organics RCP

Order#: 0111203

CONTROL WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Methylene chloride-ug/L	0026660-03		48.0	58.0	120.8%	
Methyl tert-butyl ether (MTBE)-ug/L	0026660-03		48.0	42.0	87.5%	
Carbon disulfide-ug/L	0026660-03		48.0	41.0	85.4%	
Acrylonitrile- μ g/L	0026660-03		48.0	37.0	77.1%	
trans-1,2-Dichloroethylene-ug/L	0026660-03		48.0	43.0	89.6%	
1,1-Dichloroethane-ug/L	0026660-03		48.0	51.0	106.3%	
Methyl ethyl ketone-ug/L	0026660-03		48.0	40.0	83.3%	
2,2-Dichloropropane-ug/L	0026660-03		48.0	51.0	106.3%	
cis-1,2-Dichloroethylene-ug/L	0026660-03		48.0	50.0	104.2%	
Tetrahydrofuran-ug/L	0026660-03		48.0	47.0	97.9%	
Chloroform-ug/L	0026660-03		48.0	49.0	102.1%	
Bromochloromethane-ug/L	0026660-03		48.0	51.0	106.3%	
1,1,1-Trichloroethane-ug/L	0026660-03		48.0	43.0	89.6%	
1,1-Dichloropropylene-ug/L	0026660-03		48.0	46.0	95.8%	
Carbon tetrachloride-ug/L	0026660-03		48.0	43.0	89.6%	
Benzene-ug/L	0026660-03		48.0	42.0	87.5%	
1,2-Dichloroethane-ug/L	0026660-03		48.0	36.0	75.%	
Trichloroethylene-ug/L	0026660-03		48.0	42.0	87.5%	
1,2-Dichloropropane-ug/L	0026660-03		48.0	43.0	89.6%	
Bromodichloromethane-ug/L	0026660-03		48.0	41.0	85.4%	
Dibromomethane-ug/L	0026660-03		48.0	38.0	79.2%	
MIBK-ug/L	0026660-03		48.0	38.0	79.2%	
cis-1,3-Dichloropropylene-ug/L	0026660-03		48.0	42.0	87.5%	
Toluene-ug/L	0026660-03		48.0	43.0	89.6%	
trans-1,3-Dichloropropylene-ug/L	0026660-03		48.0	41.0	85.4%	
1,1,2-Trichloroethane-ug/L	0026660-03		48.0	47.0	97.9%	
Methyl butyl ketone-ug/L	0026660-03		48.0	49.0	102.1%	
Tetrachloroethylene-ug/L	0026660-03		48.0	41.0	85.4%	
1,3-Dichloropropane-ug/L	0026660-03		48.0	49.0	102.1%	
Dibromochloromethane-ug/L	0026660-03		48.0	40.0	83.3%	
1,2-Dibromoethane-ug/L	0026660-03		48.0	40.0	83.3%	
Chlorobenzene-ug/L	0026660-03		48.0	43.0	89.6%	
Ethyl Benzene-ug/L	0026660-03		48.0	45.0	93.8%	
1,1,1,2-Tetrachloroethane-ug/L	0026660-03		48.0	42.0	87.5%	
p/m-Xylene-ug/L	0026660-03		96.0	92.0	95.8%	
o-Xylene-ug/L	0026660-03		48.0	46.0	95.8%	
Styrene-ug/L	0026660-03		48.0	46.0	95.8%	
Bromoform-ug/L	0026660-03		48.0	43.0	89.6%	
Isopropylbenzene-ug/L	0026660-03		48.0	52.0	108.3%	
1,1,2,2-Tetrachloroethane-ug/L	0026660-03		48.0	47.0	97.9%	

Connecticut Testing Laboratories, Inc.

QUALITY CONTROL REPORT

EPA 8260B Volatile Organics RCP

Order#: 0111203

CONTROL WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Bromobenzene-ug/L	0026660-03		48.0	40.0	83.3%	
n-Propylbenzene-ug/L	0026660-03		48.0	43.0	89.6%	
1,2,3-Trichloropropane-ug/L	0026660-03		48.0	37.0	77.1%	
2-Chlorotoluene-ug/L	0026660-03		48.0	52.0	108.3%	
1,2,4-Trimethylbenzene-ug/L	0026660-03		48.0	48.0	100.0%	
t-1,4-Dichloro-2-butene-ug/L	0026660-03		48.0	50.0	104.2%	
4-Chlorotoluene-ug/L	0026660-03		48.0	43.0	89.6%	
tert-Butylbenzene-ug/L	0026660-03		48.0	48.0	100.0%	
1,3,5-Trimethylbenzene-ug/L	0026660-03		48.0	37.0	77.1%	
p-Isopropyltoluene-ug/L	0026660-03		48.0	41.0	85.4%	
1,3-Dichlorobenzene-ug/L	0026660-03		48.0	43.0	89.6%	
sec-Butylbenzene-ug/L	0026660-03		48.0	49.0	102.1%	
1,4-Dichlorobenzene-ug/L	0026660-03		48.0	40.0	83.3%	
n-Butylbenzene-ug/L	0026660-03		48.0	44.0	91.7%	
1,2-Dichlorobenzene-ug/L	0026660-03		48.0	41.0	85.4%	
1,2-Dibromo-3-chloropropane-ug/L	0026660-03		48.0	54.0	112.5%	
1,2,4-Trichlorobenzene-ug/L	0026660-03		48.0	63.0	131.3%	
Hexachlorobutadiene-ug/L	0026660-03		48.0	49.0	102.1%	
Naphthalene-ug/L	0026660-03		48.0	62.0	129.2%	
1,2,3-Trichlorobenzene-ug/L	0026660-03		48.0	64.0	133.3%	
DUPLICATE WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Dichlorodifluoromethane-ug/L	0000006-86	ND		ND		0.0%
Chloromethane-ug/L	0000006-86	ND		ND		0.0%
Vinyl chloride-ug/L	0000006-86	ND		ND		0.0%
Bromomethane-ug/L	0000006-86	ND		ND		0.0%
Chloroethane-ug/L	0000006-86	ND		ND		0.0%
Trichlorofluoromethane-ug/L	0000006-86	ND		ND		0.0%
Trichlorotrifluoroethane-ug/L	0000006-86	ND		ND		0.0%
Acetone-ug/L	0000006-86	ND		ND		0.0%
1,1-Dichloroethylene-ug/L	0000006-86	6.0		4.5		28.6%
Methylene chloride-ug/L	0000006-86	1.4		0.80		54.5%
Methyl tert-butyl ether (MTBE)-ug/L	0000006-86	ND		ND		0.0%
Carbon disulfide-ug/L	0000006-86	ND		ND		0.0%
Acrylonitrile- μ g/L	0000006-86	ND		ND		0.0%
trans-1,2-Dichloroethylene-ug/L	0000006-86	ND		ND		0.0%
1,1-Dichloroethane-ug/L	0000006-86	4.1		3.3		21.6%
Methyl ethyl ketone-ug/L	0000006-86	ND		ND		0.0%
2,2-Dichloropropane-ug/L	0000006-86	ND		ND		0.0%
cis-1,2-Dichloroethylene-ug/L	0000006-86	ND		ND		0.0%

Connecticut Testing Laboratories, Inc.

QUALITY CONTROL REPORT

EPA 8260B Volatile Organics RCP

Order#: 0111203

DUPLICATE WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Tetrahydrofuran-ug/L	0000006-86	ND		ND		0.%
Chloroform-ug/L	0000006-86	2.2		1.8		20.%
Bromochloromethane-ug/L	0000006-86	ND		ND		0.%
1,1,1-Trichloroethane-ug/L	0000006-86	4.7		3.7		23.8%
1,1-Dichloropropylene-ug/L	0000006-86	ND		ND		0.%
Carbon tetrachloride-ug/L	0000006-86	ND		ND		0.%
Benzene-ug/L	0000006-86	ND		ND		0.%
1,2-Dichloroethane-ug/L	0000006-86	ND		ND		0.%
Trichloroethylene-ug/L	0000006-86	ND		ND		0.%
1,2-Dichloropropane-ug/L	0000006-86	ND		ND		0.%
Bromodichloromethane-ug/L	0000006-86	ND		ND		0.%
Dibromomethane-ug/L	0000006-86	ND		ND		0.%
MIBK-ug/L	0000006-86	ND		ND		0.%
cis-1,3-Dichloropropylene-ug/L	0000006-86	ND		ND		0.%
Toluene-ug/L	0000006-86	ND		ND		0.%
trans-1,3-Dichloropropylene-ug/L	0000006-86	ND		ND		0.%
1,1,2-Trichloroethane-ug/L	0000006-86	ND		ND		0.%
Methyl butyl ketone-ug/L	0000006-86	ND		ND		0.%
Tetrachloroethylene-ug/L	0000006-86	16.2		10.0		47.3%
1,3-Dichloropropane-ug/L	0000006-86	ND		ND		0.%
Dibromochloromethane-ug/L	0000006-86	ND		ND		0.%
1,2-Dibromoethane-ug/L	0000006-86	ND		ND		0.%
Chlorobenzene-ug/L	0000006-86	ND		ND		0.%
Ethyl Benzene-ug/L	0000006-86	ND		ND		0.%
1,1,1,2-Tetrachloroethane-ug/L	0000006-86	ND		ND		0.%
p/m-Xylene-ug/L	0000006-86	0.70		ND		0.%
o-Xylene-ug/L	0000006-86	0.60		ND		200.%
Styrene-ug/L	0000006-86	ND		ND		200.%
Bromoform-ug/L	0000006-86	ND		ND		0.%
Isopropylbenzene-ug/L	0000006-86	ND		ND		0.%
1,1,2,2-Tetrachloroethane-ug/L	0000006-86	ND		ND		0.%
Bromobenzene-ug/L	0000006-86	ND		ND		0.%
n-Propylbenzene-ug/L	0000006-86	ND		ND		0.%
1,2,3-Trichloropropane-ug/L	0000006-86	ND		ND		0.%
2-Chlorotoluene-ug/L	0000006-86	ND		ND		0.%
1,2,4-Trimethylbenzene-ug/L	0000006-86	ND		ND		0.%
t-1,4-Dichloro-2-butene-ug/L	0000006-86	ND		ND		0.%
4-Chlorotoluene-ug/L	0000006-86	ND		ND		0.%
tert-Butylbenzene-ug/L	0000006-86	ND		ND		0.%
1,3,5-Trimethylbenzene-ug/L	0000006-86	ND		ND		0.%

Connecticut Testing Laboratories, Inc.

QUALITY CONTROL REPORT

EPA 8260B Volatile Organics RCP

Order#: 0111203

DUPLICATE WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
p-Isopropyltoluene-ug/L	0000006-86	ND		ND		0.%
1,3-Dichlorobenzene-ug/L	0000006-86	ND		ND		0.%
sec-Butylbenzene-ug/L	0000006-86	ND		ND		0.%
1,4-Dichlorobenzene-ug/L	0000006-86	0.60		ND		0.%
n-Butylbenzene-ug/L	0000006-86	ND		ND		0.%
1,2-Dichlorobenzene-ug/L	0000006-86	5.8		3.5		49.5%
1,2-Dibromo-3-chloropropane-ug/L	0000006-86	ND		ND		0.%
1,2,4-Trichlorobenzene-ug/L	0000006-86	ND		ND		0.%
Hexachlorobutadiene-ug/L	0000006-86	ND		ND		0.%
Naphthalene-ug/L	0000006-86	ND		ND		0.%
1,2,3-Trichlorobenzene-ug/L	0000006-86	ND		ND		0.%

Type of QC	Surrogates	% Recovered	QC Limits (%)	
BLANK	1,2-Dichloroethane-d4	79%	70	130
BLANK	Toluene-d8	89%	70	130
BLANK	4-Bromofluorobenzene	108%	70	130
Type of QC	Surrogates	% Recovered	QC Limits (%)	
CONTROL	1,2-Dichloroethane-d4	83%	70	130
CONTROL	Toluene-d8	97%	70	130
CONTROL	4-Bromofluorobenzene	105%	70	130
Type of QC	Surrogates	% Recovered	QC Limits (%)	
DUPLICATE	1,2-Dichloroethane-d4	77%	70	130
DUPLICATE	Toluene-d8	90%	70	130
DUPLICATE	4-Bromofluorobenzene	111%	70	130

CONNECTICUT TESTING LAB'S, INC.

RCP DQA SUMMARY TABLE

EPA Method 8260B Complete
BATCH 1

CTL Lab No.: 0111203
Client: MACTEC
Project: 201100766

CTL Sample #	Analyte	QC Type	Calibr. Date	RCP Criteria			Notes		
				≤15% RSD, CCCs	≤30% RSD				
677-680 682-690	ALL	ICAL	1/5/11				No Anomalies		
677-680 682-690	ALL	ICV	1/5/11			See Method	No Anomalies		
677-680 682-690	ALL	ITUNE	1/5/11			See Method	No Anomalies		
681	ALL	---	---	---	---	---	NOT ANALYZED IN THIS BATCH		
		QC Type	Spike Result	Spike Value	%D	%R	RCP Criteria	RPD Bias	RPD Bias
677-680 682-690	DICHLORODIFLUOROMETHANE	CCAL		-37			+/-30%D	L	
677-680 682-690	124-TRICHLOROBENZENE	CCAL		31			+/-30%D	H	
677-680 682-690	123-TRICHLOROBENZENE	CCAL		33			+/-30%D	H	
677-680 682-690	ALL	TUNE					See Method		No Anomalies
677-680 682-690	ALL	MB	ND	0			<RL		No Anomalies
677-680 682-690	DICHLORODIFLUOROMETHANE	LCS	30	48	63		70-130%R	L	
677-680 682-690	124-TRICHLOROBENZENE	LCS	63	48	131		70-130%R	H	
677-680 682-690	123-TRICHLOROBENZENE	LCS	64	48	133		70-130%R	H	
677-680 682-690	ALL	SR					70-130%R		No Anomalies
677-680 682-690	ALL	IS					-50% to +100% A		No Anomalies
		MS					70-130%R		
		MSD					RPD≤30%		
		DUPE					RPD≤30%		

L=Low H= High NDR=Non Directional

ITUNE= Initial Tune BFB

ICAL = Initial Calibration

ICV= Initial Calibration Verification 2nd Source

CCAL=Continuing Calibration

A= Area counts compared to CCAL

MB= Method Blank

LCS= Laboratory Control Sample

SR=Surrogate Recovery %

MS= Matrix Spike

MSD= Matrix Spike Dupli

% RSD= Relative Standard Deviation

%R= % Recovery

%D= % Drift

RPD= Relative Percent Difference

IS= Internal Standard

CONNECTICUT TESTING LAB'S, INC.

RCP DQA SUMMARY TABLE

EPA Method 8260B Complete
BATCH 2

CTL Lab No.: 0111203
 Client: MACTEC
 Project: 201100766

CTL Sample #	Analyte	QC Type	Calibr. Date	RCP Criteria				Notes
678(400x), 679(10x), 681, 687(10x), 688(10x) & 686 Dup	ALL	ICAL	1/5/11	≤15% RSD, CCCs ≤30% RSD				No Anomalies
678(400x), 679(10x), 681, 687(10x), 688(10x) & 686 Dup	ALL	ICV	1/5/11	See Method				No Anomalies
678(400x), 679(10x), 681, 687(10x), 688(10x) & 686 Dup	ALL	ITUNE	1/5/11	See Method				No Anomalies

		QC Type	Spike			RCP Criteria	%	RPD Bias
			Result	Value	%D		%R	
678(400x), 679(10x), 681, 687(10x), 688(10x) & 686 Dup	DICHLORODIFLUOROMETHANE	CCAL			-44		+/-30%D	L
678(400x), 679(10x), 681, 687(10x), 688(10x) & 686 Dup	NAPHTHALENE	CCAL			38		+/-30%D	H
678(400x), 679(10x), 681, 687(10x), 688(10x) & 686 Dup	1,2,3-TRICHLOROBENZENE	CCAL			46		+/-30%D	H
678(400x), 679(10x), 681, 687(10x), 688(10x) & 686 Dup	ALL	TUNE					See Method	
678(400x), 679(10x), 681, 687(10x), 688(10x) & 686 Dup	ALL	MB	ND	0			<RL	
678(400x), 679(10x), 681, 687(10x), 688(10x) & 686 Dup	DICHLORODIFLUOROMETHANE	LCS	27	48	56	70-130%R	L	
678(400x), 679(10x), 681, 687(10x), 688(10x) & 686 Dup	NAPHTHALENE	LCS	66	48	138	70-130%R	H	
678(400x), 679(10x), 681, 687(10x), 688(10x) & 686 Dup	1,2,3-TRICHLOROBENZENE	LCS	70	48	146	70-130%R	H	
678(400x), 679(10x), 681, 687(10x), 688(10x) & 686 Dup	ALL	SR				70-130%R		No Anomalies
678(400x), 679(10x), 681, 687(10x), 688(10x) & 686 Dup	ALL	IS				-50% to +100% A		No Anomalies
		MS				70-130%R		
		MSD				RPD≤30%		
686	METHYLENE CHLORIDE	DUPE				RPD≤30%	55	H
686	TETRACHLOROETHYLENE	DUPE				RPD≤30%	47	H
686	P/M-XYLENE	DUPE				RPD≤30%	200	H
686	O-XYLENE	DUPE				RPD≤30%	200	H
686	1,2-DICHLOROBENZENE	DUPE				RPD≤30%	50	H

L=Low H= High NDR=Non Directional

ITUNE= Initial Tune BFB

ICAL = Initial Calibration

ICV= Initial Calibration Verification 2nd Source

CCAL=Continuing Calibration

A= Area counts compared to CCAL

MB= Method Blank

LCS= Laboratory Control Sample

SR=Surrogate Recovery %

MS= Matrix Spike

MSD= Matrix Spike Duplic

% RSD= Relative Standard Deviation

%R= % Recovery

%D= % Drift

RPD= Relative Percent Difference

IS= Internal Standard

CHAIN OF CUSTODY RECORD



Lab Tracking #:

0111203

Requested Analyses

CTL Client: MACTEC

Client PO #: 201100766

Sampler(s): Miles van Noorderen (signature)

(print)

Preserv
Code

Vacs. 8260

Lab Use	Field ID (please print)	Date	Time	Matrix	Preserv Code	Container Type Code *	Total Number of Containers
677	MW-01I	1-20-11	1343	W	HCl X	V	2
78	MW-02I	1-19-11	1351			1	
79	MW-03D	1-19-11	1519				
80	MW-04I	1-19-11	1437				
81	MW-05S	1-20-11	1151				
82	MW-05I	1-20-11	1406				
83	MW-05 D	1-19-11	1316				
84	MW-06 S	1-19-11	1055				
85	MW-06 I	1-19-11	1202				
86	MW-06 D	1-19-11	1255				

REPORT INFORMATION

Send Report To: Jun Yeich

Email Report To: JR.Yeich@maotec.com

Quote ID: TGMT11311

Invoice To: _____

Fax Report To: _____

RSR Criteria (Check One) GWP GA SWP

Container Types : P = Plastic C = Cube AG = Amber Glass V = EPA Vial S = Sterile T = Tedlar Bag

Matrix : A = Air W = Water DW = Drinking Water S = Soil Wp = Wipe

5035 Preservation : M = Methanol SB = Sodium Bisulfate Ev = Empty Vial W = Water En = Encore Type

DATA REPORT TYPE

RCP State EDI
 Excel Other *
 PDF Email

*Specify

Received By Laboratory: (Signature)

Date / Time

1/20/11 15:01

Samples Iced

Date Encores Frozen :

Temp C : 3.80

Relinquished By: (Signature)

Date / Time

1/20/11 1540

Received By: (Signature)

Date / Time

Turn Around Time

24 HR* 3 Day* 5 Day 48 HR* 4 Day* 10 Day

CTL will not be held liable for incorrectly filled out Chain of Custody Records.

Samples held for 45 days from receipt.

*Turnaround times less than "5 Days" may be subject to priority fee charges.

Page 1 of 2

Connecticut Testing Laboratories, Inc.

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